



Feature Comparisons

This competitive analysis compares the key features of Canvas 11 with those of a select group of graphics products. This analysis only compares individual products and does not take into consideration product suites.

Production tools	Canvas 11	Corel DESIGNER 12	CorelDRAW X3	Illustrator CS3
Maximum page size	2000 x 2000 miles	1800 x 1800 inches	1800 x 1800 inches	227 x 227 inches
Zoom capabilities	0.0001 - 102400%	1 - 405651%	1 - 405651%	3.13 - 6400%
Workspace management features	1			
Object limit per document	2 billion	N/A	N/A	32000
Control point limit	2 billion per polygon or Bézier curve)	N/A	N/A	3000 per segment
Custom document scale				X
Units of measure	15+	15	15	6
Custom units of measure		X	X	X
Object browser in the Layers palette				
Navigator palette				
Color dropper tool				
JavaScript support		X	X	
Windows Visual Basic support				
Task automation				
RGB color mode/CMYK color mode		X	X	
Dynamic objects or sets				
Relocatable Docking bar				X
Easy access to document properties and tool settings				
User application assistance	2	X		X
Custom Document Properties		X	X	
Duplicate with Transform		X	X	
Replicate command		X	X	X

Production tools	Canvas 11	Corel DESIGNER 12	CorelDRAW X3	Illustrator CS3
Replicate and Position	☺	X	X	X
Integrated control center for inks, strokes, arrows, dashes	☺	☺	☺	☺
Project consistency tools	☺	☺	☺	X
Project revision tools	☺	☺	☺	X
Registration Mark tool	☺	3	4	X
Crop Mark command	☺	5	6	7
Neon strokes	☺	X	X	X
Parallel strokes	☺	X	X	X
Symbol inks	☺	☺	☺	X
Hatch inks	☺	☺	X	
Texture inks	☺	☺	☺	X
Gradient inks	☺	☺	☺	X
Crop tool for vector objects	☺	X	X	X
Set Print Area command	☺	X	X	X
Slide show capabilities	☺	X	X	X
Straighten image command	☺	X	X	X
Seismic data tools	☺	X	X	
Integrated Print dialog box	☺	☺	☺	☺
Print Preview window	☺	☺	☺	X

1. Canvas 11 features the Smart Toolbox, AutoSnap palettes, Properties bar, Docking bar, and Configuration Center.
2. Canvas 11 features the Canvas Assistant as well as Dynamic Help.
3. In Corel DESIGNER 12, registration marks can be included for printing, but not assigned to individual objects.
4. In CorelDRAW X3, registration marks can be included for printing, but not assigned to individual objects.
5. In Corel DESIGNER 12, crop marks can be included for printing, but not assigned to individual objects.
6. In CorelDRAW X3, crop marks can be included for printing, but not assigned to individual objects.
7. Crop Marks cannot be added to text objects in Illustrator CS.

Illustration & Precision Drawing	Canvas 11	Corel DESIGNER 12	CorelDRAW X3	Illustrator CS3
Double floating point	☺	X	X	X
Dimensioning tools	☺	☺	☺	X
Snapping Constraints	1	2	3	4
Smart Lines	☺	☺	☺	X
Annotations tools	☺	☺	☺	X
Object Path Editor	☺	X	X	X
Math Expression 2D Plot command	☺	X	X	X

Illustration & Precision Drawing	Canvas 11	Corel DESIGNER 12	CorelDRAW X3	Illustrator CS3
Waveforms added to segments	☐	X	X	X
Support for AutoCAD 2007	☐	X	X	X
Object Properties palette	☐	☐	☐	X

1. Canvas 11 has Smart Mouse with 14 constraints, Snap to Guides, and Snap to Grid.
2. Corel DESIGNER 12 has the Gravity Snapping option with 9 constraints, Snap to Guides, and Snap to Grid.
3. CorelDRAW X3 has the Snap to Objects option with 9 constraints, Snap to Guides, and Snap to Grid.
4. Illustrator CS3 has the Smart Guides setting with 7 constraints, Snap to Guides, and Snap to Grid.

Text & Typography	Canvas 11	Corel DESIGNER 12	CorelDRAW X3	Illustrator CS3
Text Form Field tool	☐	X	☐	X
Text Link/Unlink tools	☐	☐	☐	☐
Link Info tool	☐	☐	☐	X
Text Format Brush tool	☐	☐	☐	X
Section tool for creating column layouts	☐	☐	☐	☐
Background ink for text objects	☐	X	X	X
Text box ink for text object frame	☐	X	X	X
Gradient effects applied to text	☐	☐	☐	X
Vector effects applied to text	☐	☐	☐	☐
Easy access to text attributes when Text tool selected	1 ☐	☐	☐	☐
Text attributes visible in Status bar	☐	X	☐	X
Live filters applied to text	☐	☐	☐	X
Live text wrap around open path	☐	☐	☐	☐
Tab ruler integrated into document ruler	☐	☐	☐	X
Crop Mark command applied to text objects	☐	X	X	☐

1. The various text attributes are available in the Properties bar when the Text and Text Object tools are selected.

Web production	Canvas 11	Corel DESIGNER 12	CorelDRAW X3	Illustrator CS3
URL linking	☐	☐	☐	☐
Export to HTML	☐	☐	☐	X
Slicing tools	☐	X	X	☐
Rollover tools	☐	☐	☐	X
Save to Web wizard for creating Web pages	☐	☐	☐	X

Web production	Canvas 11	Corel DESIGNER 12	CorelDRAW X3	Illustrator CS3
Export as Web images	☺	☺	☺	☺
Pixel mode	☺	X	X	☺
2-up and 4-up Live previews for Web images	☺	☺	☺	☺
URL verification	☺	☺	☺	☺
Export as SVG	☺	☺	☺	☺
Export as PDF	☺	☺	☺	☺
PDF security settings	☺	X	☺	☺
Export as AVI	☺	X	X	X

Image editing	Canvas 11	Corel DESIGNER 12	CorelDRAW X3	Illustrator CS3
Pixel-level image editing tools	1 ☺	X	X	X
Paint with all ink types, including colors, gradients, patterns, symbols, and textures, and hatches	☺	X	X	X
Support for 8/16/FP32 bit image data per channel/per pixel.	☺	X	X	X
Marquee and Lasso tools	☺	X	X	X
Image Warp	☺	X	X	☺
Image Envelope	☺	☺	☺	☺
One-step crop & scale command	☺	X	X	X
Camera tool	☺	X	X	X
Channel and visibility masks	☺	X	X	X
Image effects for vector and text	☺	X	X	☺
Export to a variety of image formats	☺	☺	☺	☺
Import of DICOM files	☺	X	X	X
Support for RAW format	2 ☺	X	X	X
Binary filters	3 ☺	X	X	X
Scientific filters	4 ☺	X	X	X
Analysis of an image's pixel values	5 ☺	X	X	X
Ability to measure an image or selected area	6 ☺	X	X	X

1. Canvas 11 has true support for painting and image editing.
2. Canvas 11 supports both Binary and Text format for import and export.
3. Binary filters are for 8-bit grayscale images. These filters consist of Dilate, Erode, Make Binary, Close, Open, Outline, Skeletonize, Distance Map, and Ultimate Points.

4. Scientific filters can be used to analyze 8-bit, 16-bit, and floating point (32-bit) images. These filters consist of Arithmetic, Binary Logic, Colorize, Image Math, Math Expression, and Convolve.
5. In Canvas 11, you can view raw data within an image object using either the Image Data Viewer tool or View Data command.
6. In Canvas 11, you can use the Image Measurement command to discover values such as Standard Deviation, Luminosity, Mean, Perimeter, etc.

GIS	Canvas 11	Corel DESIGNER 12	CorelDRAW X3	Illustrator CS3
Work in georeferenced environment		X	X	X
Angular units		X	X	X
Measure distance between two points in world coordinates		X	X	X
Move or position objects according to their latitude and longitude coordinates		X	X	X
Gaticule settings		X	X	X
Support for map attributes		X	X	X
Tag map objects		X	X	X
Image warp options		X	X	X
Create georeferenced image overlays		X	X	X
Select map objects according to property information		X	X	X
Label map objects		X	X	X
Perform statistical analysis on map objects		X	X	X
Create special queries for map objects		X	X	X
Support for cartographic symbology		X	X	X
Create thematic or choropleth maps		X	X	X
Import of industry-standard GIS formats		X	X	X
Export to SHP		X	X	X
Export to GeoTIFF		X	X	X
Export to ECW		X	X	X
Export to Geo BMP, Geo JPEG, Geo GIF, Geo PNG		X	X	X
Export to GIS TXT		X	X	X