

Converting Colors

CIELCh(83, 11.132, 51.155)

Have a look what the booklet for
CIELCh(83, 11.132, 51.155) contains.

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Color

CIELCh(83, 11.144, 51.151)

Conversions

Conversions Part 1	
Format	Color
Hex	E3CABF
RGB	227, 202, 191
RGB Percent	89%, 79%, 75%
CMY	0.1108, 0.2088, 0.2519
CMYK	0.00, 0.11, 0.16, 0.11
HSL	18°, 39%, 82%
HSV	18°, 16%, 89%
XYZ	62.0355, 62.1629, 57.8763
YIQ	208.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

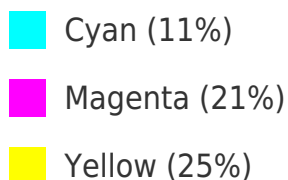
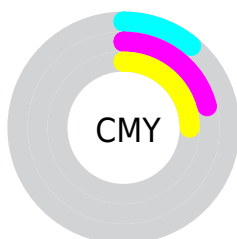
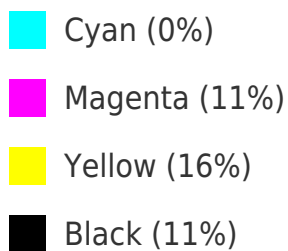
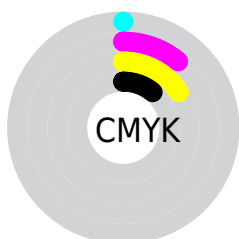
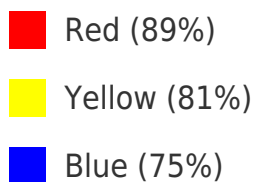
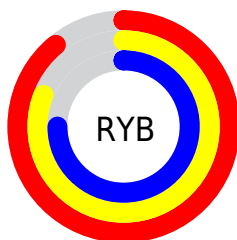
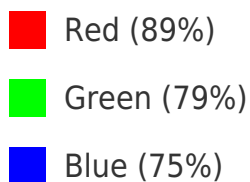
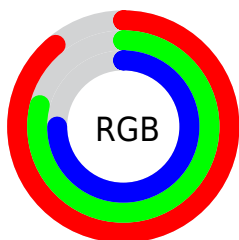
Format	Color
RYB	227, 207, 191
Decimal	14928575
CIELab	83.00, 6.99, 8.68
CIELCh	83, 11.144, 51.151
Yxy	62.1629, 0.3407, 0.3414
Android (android.graphics.Color)	4293118655 (0xFFE3CABF)
YUV	208.2210, -8.4900, 16.4692
Hunter-Lab	78.8435, 2.4709, 11.6676

Details

The CIELCh color **83, 11.144, 51.151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 10.200, 233.656**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **63, 10.903, 50.681** is the 20% darker color. If you saturate the color by 10%, you get **79, 18.875, 50.602**, and if you desaturate by 10%, it is **87, 3.970, 51.723**.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 11.144, 51.151 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 83, 11.144, 51.151 by changing the saturation by 10% instead.

 83, 11.144, 51.151

 83, 11.144, 51.151

 100, 11.144,
51.151

 73, 11.144, 51.151

 63, 11.144, 51.151

 53, 11.144, 51.151

 43, 11.144, 51.151

 33, 11.144, 51.151

 23, 11.144, 51.151

 13, 11.144, 51.151

 3, 11.144, 51.151

 0, 11.144, 51.151

 83, 11.144, 51.151

 83, 11.144, 51.151

 79, 18.875, 50.602

 87, 3.970, 51.723

 74, 27.210, 50.115

 92, 2.701, 232.759

 70, 36.172, 49.730

 97, 8.092, 221.465

 66, 45.743, 49.462

 98, 9.599, 198.868

 63, 55.813, 49.297

 59, 66.091, 49.156

 56, 75.893, 48.809

 53, 83.872, 47.756

 52, 86.678, 47.259

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83, 11.144, 51.151



85, 10.200, 233.656

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 11.144, 51.151



83, 11.144, 101.151



83, 11.144, 231.151



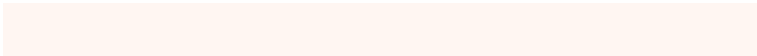
83, 11.144, 281.151

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83, 11.144, 51.165



98, 3.706, 51.756



81, 18.710, 335.374



52, 2.535, 51.729



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 11.144, 51.165



91, 14.856, 50.976



87, 15.209, 98.570



45, 3.858, 51.540



41, 71.266, 47.823



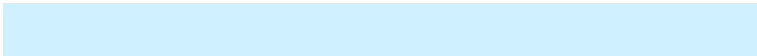
9, 20.922, 40.250

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



85, 10.200, 233.656



93, 13.328, 233.990



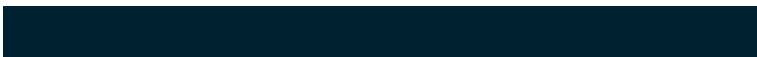
80, 15.479, 282.418



45, 3.670, 233.085



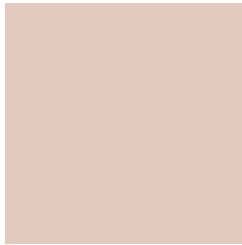
48, 37.345, 256.970



12, 14.310, 247.287

Previews

White Background



This preview shows how the CIELCh color 83, 11.144, 51.151 looks on a white background.

Color Contrast Check

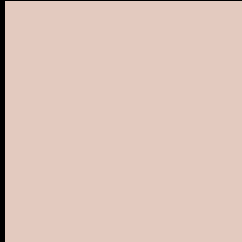
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 83, 11.144, 51.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

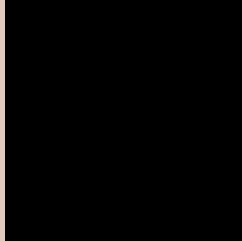
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 11.144, 51.151

Background



This preview shows how black text looks on a background with the CIELCh color 83, 11.144, 51.151.

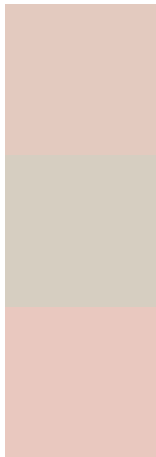


This preview shows how white text looks on a background with the CIELCh color 83, 11.144, 51.151.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83, 11.144, 51.151

Protanopia

83, 7.457, 85.851

Deuteranopia




83, 13.485, 40.709




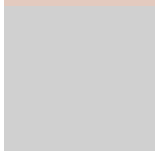
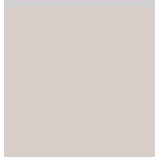
Tritanopia

83, 14.438, 344.815

Trichromacy

	Original Color 83, 11.144, 51.151
	Protanomaly 83, 8.475, 67.729
	Deuteranomaly 83, 12.614, 44.684
	Tritanomaly 83, 11.710, 1.982

Monochromacy

	Original Color 83, 11.144, 51.151
	Achromatopsia 83, 0.010, 296.813
	Achromatomaly 83, 3.916, 51.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 11.144, 51.151 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 202, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 202, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 202, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 11.144, 51.151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 202, 191) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(227, 202, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(227, 202, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 202,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 11.144, 51.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 202, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
202, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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