

Converting Colors

CIELCh(83, 13.330, 49.946)

Have a look what the booklet for
CIELCh(83, 13.330, 49.946) contains.

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Color

CIELCh(83, 13.417, 50.616)

Conversions

Conversions Part 1

Format	Color
Hex	E7C9BC
RGB	231, 201, 188
RGB Percent	91%, 79%, 74%
CMY	0.0955, 0.2131, 0.2640
CMYK	0.00, 0.13, 0.19, 0.10
HSL	18°, 47%, 82%
HSV	18°, 19%, 90%
XYZ	62.6913, 62.1629, 56.0827
YIQ	208.4880, 22.0530, 2.3170

Conversions

Conversions Part 2

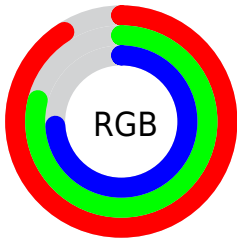
Format	Color
R _Y B	231, 207, 188
Decimal	15190460
CIE Lab	83.00, 8.51, 10.37
CIE LCh	83, 13.417, 50.616
Yxy	62.1629, 0.3465, 0.3436
Android (android.graphics.Color)	4293380540 (0xFFE7C9BC)
YUV	208.4880, -10.1006, 19.7430
Hunter-Lab	78.8435, 3.9556, 13.0164

Details

The CIELCh color **83, 13.417, 50.616** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 12.063, 233.511**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **63, 13.348, 50.141** is the 20% darker color. If you saturate the color by 10%, you get **79, 21.431, 50.099**, and if you desaturate by 10%, it is **88, 5.985, 51.193**.

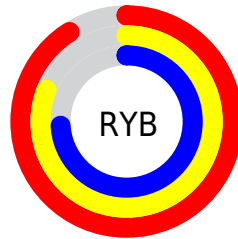
Distribution



Red (91%)

Green (79%)

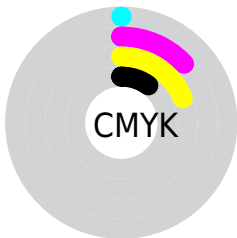
Blue (74%)



Red (91%)

Yellow (81%)

Blue (74%)

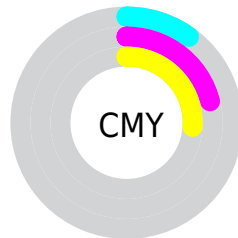


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (10%)



Cyan (10%)

Magenta (21%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 13.417, 50.616 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, 13.417, 50.616 by changing the saturation by 10% instead.

 83, 13.417, 50.616

 83, 13.417, 50.616

 100, 13.417,
50.616

 73, 13.417, 50.616

 63, 13.417, 50.616

 53, 13.417, 50.616

 43, 13.417, 50.616

 33, 13.417, 50.616

 23, 13.417, 50.616

 13, 13.417, 50.616

 3, 13.417, 50.616

 0, 13.417, 50.616

83, 13.417, 50.616

83, 13.417, 50.616

79, 21.431, 50.099

88, 5.985, 51.193

74, 30.070, 49.656

92, 0.917, 232.568

70, 39.350, 49.325

97, 6.905, 225.898

66, 49.232, 49.114

98, 8.305, 198.960

62, 59.565, 48.997

59, 69.968, 48.862

56, 79.578, 48.414

54, 87.038, 47.205

53, 87.988, 47.072

Harmonies

Complementary

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



83, 13.417, 50.616



85, 12.063, 233.511

Rectangle

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



83, 13.417, 50.616



83, 13.417, 100.616



83, 13.417, 230.616



83, 13.417, 280.616

Sweetspot

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



83, 13.416, 50.628



97, 4.466, 51.321



81, 22.307, 335.582



51, 2.970, 51.292



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, 13.416, 50.628



89, 17.414, 50.436



88, 18.126, 98.244



46, 3.932, 51.149



41, 72.184, 47.628



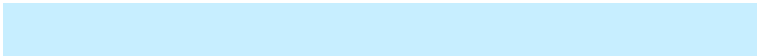
9, 22.251, 40.859

Inverse Universe

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



85, 12.063, 233.511



92, 15.313, 233.893



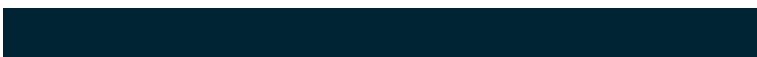
80, 18.503, 282.822



46, 3.738, 232.672



49, 37.569, 256.431



12, 14.778, 247.320

Previews

White Background



This preview shows how the CIELCh color 83, 13.417, 50.616 looks on a white background.

Color Contrast Check

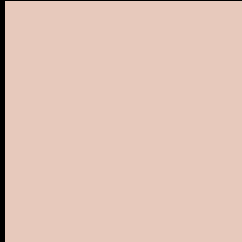
Large Text (above 18pt) WCAG AA × Fail

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, 13.417, 50.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

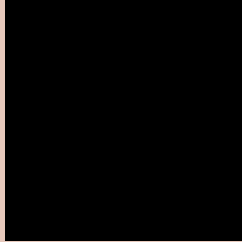
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 13.417, 50.616

Background



This preview shows how black text looks on a background with the CIELCh color 83, 13.417, 50.616.

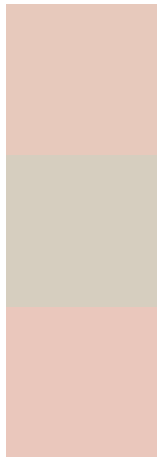


This preview shows how white text looks on a background with the CIELCh color 83, 13.417, 50.616.

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, 13.417, 50.616

Protanopia

83, 8.437, 88.574

Deuteranopia

83, 14.678, 43.408



Tritanopia
83, 15.729, 350.547

Trichromacy



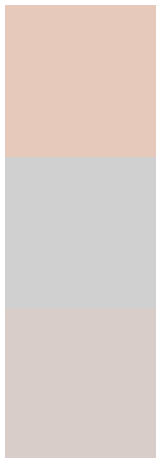
Original Color
83, 13.417, 50.616

Protanomaly
83, 9.541, 70.079

Deuteranomaly
83, 14.194, 46.500

Tritanomaly
83, 13.322, 9.074

Monochromacy



Original Color
83, 13.417, 50.616

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 4.569, 46.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 13.417, 50.616 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(231, 201, 188)` looks like.

```
.text, #text, p{  
    color:rgb(231, 201, 188)  
}
```

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(231, 201, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 201, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 13.417, 50.616 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(231, 201, 188) }
```

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

```
.border{ border-color:rgb(231, 201, 188) }
```

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

Here you see how a box with a 4 pixel rgb(231, 201, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 201, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 201, 188);  
box-shadow:4px 4px 4px 4px rgb(231, 201,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 13.417, 50.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 201, 188) }
```

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

```
.background{ background-color: rgb(231,  
201, 188) }
```

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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