

Converting Colors

CIELCh(83, 16.389, 42.949)

Have a look what the booklet for
CIELCh(83, 16.389, 42.949) contains.

CIELCh(83, 16.389, 42.949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 16.389, 42.949)

Conversions

Conversions Part 1

Format	Color
Hex	EDC6BA
RGB	237, 198, 186
RGB Percent	93%, 78%, 73%
CMY	0.0692, 0.2222, 0.2693
CMYK	0.00, 0.16, 0.21, 0.07
HSL	14°, 59%, 83%
HSV	14°, 21%, 93%
XYZ	64.2083, 62.1629, 55.2510
YIQ	208.2930, 27.0960, 4.5360

Conversions

Conversions Part 2

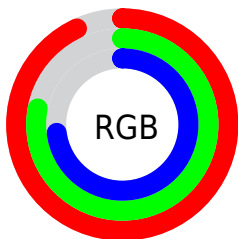
Format	Color
R _Y B	237, 202, 186
Decimal	15582906
CIE Lab	83.00, 12.00, 11.17
CIE LCh	83, 16.389, 42.949
Yxy	62.1629, 0.3535, 0.3423
Android (android.graphics.Color)	4293772986 (0xFFEDC6BA)
YUV	208.2930, -10.9904, 25.1760
Hunter-Lab	78.8435, 7.3902, 13.6419

Details

The CIELCh color **83, 16.389, 42.949** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 14.261, 224.910**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **63, 16.581, 42.225** is the 20% darker color. If you saturate the color by 10%, you get **78, 25.029, 42.832**, and if you desaturate by 10%, it is **88, 8.412, 43.181**.

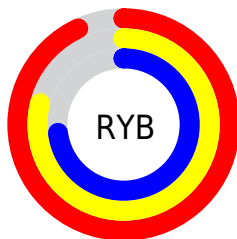
Distribution



Red (93%)

Green (78%)

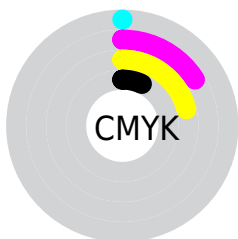
Blue (73%)



Red (93%)

Yellow (79%)

Blue (73%)

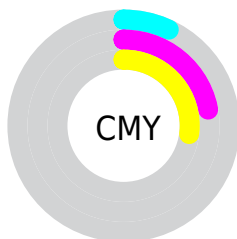


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (7%)



Cyan (7%)

Magenta (22%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 16.389, 42.949 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, 16.389, 42.949 by changing the saturation by 10% instead.

 83, 16.389, 42.949

 83, 16.389, 42.949

 100, 16.389,
42.949

 73, 16.389, 42.949

 63, 16.389, 42.949

 53, 16.389, 42.949

 43, 16.389, 42.949

 33, 16.389, 42.949

 23, 16.389, 42.949

 13, 16.389, 42.949

 3, 16.389, 42.949

 0, 16.389, 42.949

83, 16.389, 42.949

83, 16.389, 42.949

78, 25.029, 42.832

88, 8.412, 43.181

73, 34.371, 42.847

93, 1.049, 43.022

69, 44.409, 43.040

98, 5.398, 211.322

65, 55.069, 43.425

99, 6.061, 199.131

61, 66.135, 43.973

58, 77.094, 44.536

55, 86.799, 44.699

53, 93.042, 44.262

Harmonies

Complementary

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



83, 16.389, 42.949



87, 14.261, 224.910

Rectangle

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



83, 16.389, 42.949



83, 16.389, 92.949



83, 16.389, 222.949



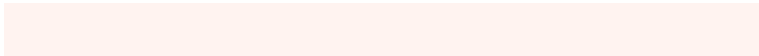
83, 16.389, 272.949

Sweetspot

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



83, 16.388, 42.959



97, 4.552, 43.293



81, 27.620, 333.130



51, 3.027, 43.284



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

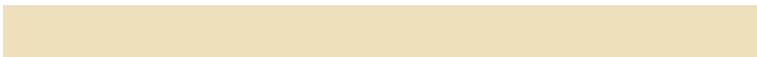
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 16.388, 42.959



86, 21.414, 42.885



89, 20.059, 93.453



47, 4.157, 43.229



41, 76.313, 44.708



10, 25.699, 37.344

Inverse Universe

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



87, 14.261, 224.910



92, 18.019, 225.286



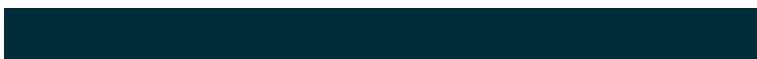
81, 20.281, 279.097



49, 3.926, 224.181



54, 35.212, 243.163



16, 15.006, 236.133

Previews

White Background



This preview shows how the CIELCh color 83, 16.389, 42.949 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, 16.389, 42.949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

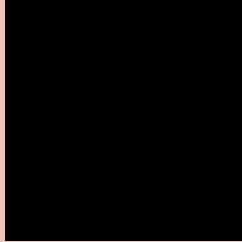
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 16.389, 42.949

Background



This preview shows how black text looks on a background with the CIELCh color 83, 16.389, 42.949.



This preview shows how white text looks on a background with the CIELCh color 83, 16.389, 42.949.

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, 16.389, 42.949

Protanopia

83, 8.933, 89.702

Deuteranopia

83, 15.180, 46.925



Tritanopia
83, 18.399, 355.559

Trichromacy



Original Color
83, 16.389, 42.949

Protanomaly
83, 10.327, 65.147

Deuteranomaly
83, 15.534, 46.291

Tritanomaly
83, 16.361, 11.484

Monochromacy



Original Color
83, 16.389, 42.949

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 5.593, 41.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 16.389, 42.949 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(237, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(237, 198, 186)  
}
```

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(237, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 198, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 16.389, 42.949 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(237, 198, 186) }
```

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

```
.border{ border-color:rgb(237, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(237, 198,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 16.389, 42.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 198, 186) }
```

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

```
.background{ background-color: rgb(237,  
198, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor