

Converting Colors

CIELCh(85, 16.835, 70.597)

Have a look what the booklet for
CIELCh(85, 16.835, 70.597) contains.

CIELCh(85, 16.817, 70.608)	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(85, 16.817, 70.608)

Conversions

Conversions Part 1

Format	Color
Hex	EBD0B7
RGB	235, 208, 183
RGB Percent	92%, 82%, 72%
CMY	0.0795, 0.1853, 0.2834
CMYK	0.00, 0.11, 0.22, 0.08
HSL	29°, 56%, 82%
HSV	29°, 22%, 92%
XYZ	65.1828, 66.0070, 53.9643
YIQ	213.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

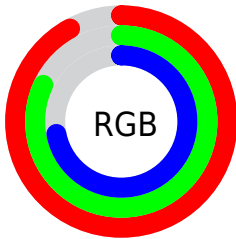
Format	Color
R _Y B	235, 231, 183
Decimal	15454391
CIE Lab	85.00, 5.58, 15.86
CIE LCh	85, 16.817, 70.608
Yxy	66.0070, 0.3520, 0.3565
Android (android.graphics.Color)	4293644471 (0xFFEBD0B7)
YUV	213.2230, -14.8999, 19.0984
Hunter-Lab	81.2447, 1.0327, 17.4897

Details

The CIELCh color $85, 16.817, 70.608$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83, 15.733, 256.543$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.099, 109.562$, and $65, 16.950, 70.985$ is the 20% darker color. If you saturate the color by 10%, you get $82, 25.046, 69.399$, and if you desaturate by 10%, it is $89, 8.993, 71.815$.

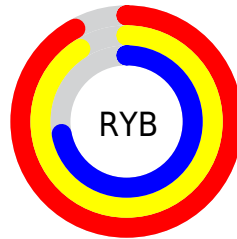
Distribution



Red (92%)

Green (82%)

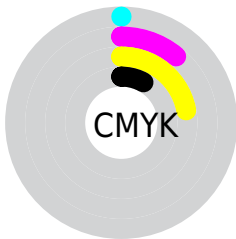
Blue (72%)



Red (92%)

Yellow (91%)

Blue (72%)

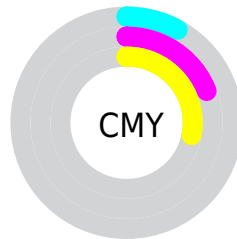


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (8%)



Cyan (8%)

Magenta (19%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 16.817, 70.608 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 85, 16.817, 70.608 by changing the saturation by 10% instead.

 85, 16.817, 70.608

 85, 16.817, 70.608

 100, 16.817,
70.608

 75, 16.817, 70.608

 65, 16.817, 70.608

 55, 16.817, 70.608

 45, 16.817, 70.608

 35, 16.817, 70.608

 25, 16.817, 70.608

 15, 16.817, 70.608

 5, 16.817, 70.608

 0, 16.817, 70.608

85, 16.817, 70.608

85, 16.817, 70.608

82, 25.046, 69.399

89, 8.993, 71.815

78, 33.685, 68.174

92, 1.545, 72.787

75, 42.703, 66.943

96, 5.561, 254.323

72, 51.984, 65.682

99, 6.942, 199.061

69, 61.249, 64.328

66, 69.920, 62.726

63, 76.978, 60.575

61, 81.012, 58.420

Harmonies

Complementary

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



85, 16.817, 70.608



83, 15.733, 256.543

Rectangle

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



85, 16.817, 70.608



85, 16.817, 120.608



85, 16.817, 250.608



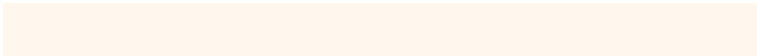
85, 16.817, 300.608

Sweetspot

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



85, 16.817, 70.618



97, 5.470, 72.397



80, 24.052, 343.798



52, 3.560, 72.331



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 16.817, 70.618



90, 22.209, 70.013



91, 25.782, 106.602



47, 4.175, 72.125



48, 66.435, 59.105



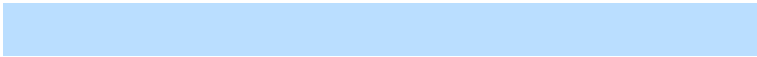
13, 22.189, 58.887

Inverse Universe

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



83, 15.733, 256.543



87, 20.427, 257.445



76, 27.061, 291.440



47, 4.072, 254.599



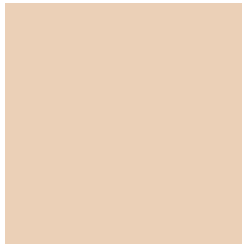
40, 53.659, 282.054



10, 19.909, 273.707

Previews

White Background



This preview shows how the CIELCh color 85, 16.817, 70.608 looks on a white background.

Color Contrast Check

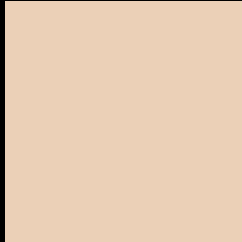
Large Text (above 18pt) WCAG AA × Fail

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 85, 16.817, 70.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

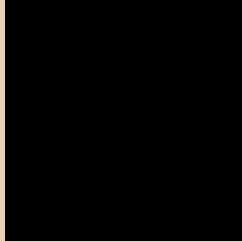
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 16.817, 70.608

Background



This preview shows how black text looks on a background with the CIELCh color 85, 16.817, 70.608.



This preview shows how white text looks on a background with the CIELCh color 85, 16.817, 70.608.

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
85, 16.817, 70.608

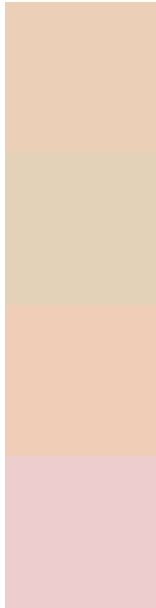
Protanopia
85, 14.736, 92.364

Deuteranopia
85, 18.867, 55.687



Tritanopia
85, 15.328, 349.775

Trichromacy



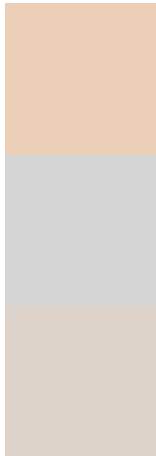
Original Color
85, 16.817, 70.608

Protanomaly
85, 15.117, 83.381

Deuteranomaly
85, 17.930, 59.867

Tritanomaly
85, 11.945, 20.265

Monochromacy



Original Color
85, 16.817, 70.608

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.981, 71.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 16.817, 70.608 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(235, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(235, 208, 183)  
}
```

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(235, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 208, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 16.817, 70.608 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(235, 208, 183) }
```

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

```
.border{ border-color:rgb(235, 208, 183) }
```

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

Here you see how a box with a 4 pixel rgb(235, 208, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(235, 208,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 16.817, 70.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 208, 183) }
```

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

```
.background{ background-color: rgb(235,  
208, 183) }
```

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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