

Converting Colors

CIELCh(85, 18.454, 64.900)

Have a look what the booklet for
CIELCh(85, 18.454, 64.900) contains.

CIELCh(85, 18.454, 64.900)	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, 18.454, 64.900)

Conversions

Conversions Part 1

Format	Color
Hex	EFCEB5
RGB	239, 206, 181
RGB Percent	94%, 81%, 71%
CMY	0.0617, 0.1911, 0.2892
CMYK	0.00, 0.14, 0.24, 0.06
HSL	26°, 65%, 82%
HSV	26°, 24%, 94%
XYZ	66.1833, 66.0070, 53.1012
YIQ	213.0170, 27.6930, -0.7790

Conversions

Conversions Part 2

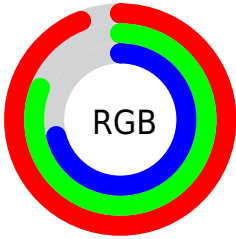
Format	Color
R _Y B	239, 225, 181
Decimal	15716021
CIE Lab	85.00, 7.83, 16.71
CIE LCh	85, 18.454, 64.900
Yxy	66.0070, 0.3572, 0.3562
Android (android.graphics.Color)	4293906101 (0xFFEFCEB5)
YUV	213.0170, -15.7844, 22.7871
Hunter-Lab	81.2447, 3.2308, 18.1196

Details

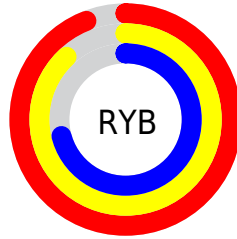
The CIELCh color $85, 18.454, 64.900$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84, 16.784, 250.999$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 9.112, 109.487$, and $65, 18.415, 65.838$ is the 20% darker color. If you saturate the color by 10%, you get $81, 26.863, 63.831$, and if you desaturate by 10%, it is $89, 10.526, 65.992$.

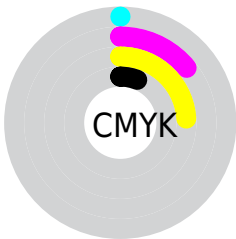
Distribution



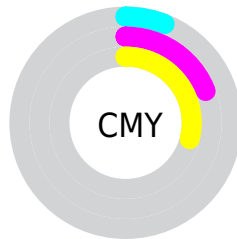
- Red (94%)
- Green (81%)
- Blue (71%)



- Red (94%)
- Yellow (88%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (6%)



- Cyan (6%)
- Magenta (19%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 18.454, 64.900 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, 18.454, 64.900 by changing the saturation by 10% instead.

 85, 18.454, 64.900

 85, 18.454, 64.900

 100, 18.454,
64.900

 75, 18.454, 64.900

 65, 18.454, 64.900

 55, 18.454, 64.900

 45, 18.454, 64.900

 35, 18.454, 64.900

 25, 18.454, 64.900

 15, 18.454, 64.900

 5, 18.454, 64.900

 0, 18.454, 64.900

85, 18.454, 64.900

85, 18.454, 64.900

81, 26.863, 63.831

89, 10.526, 65.992

77, 35.766, 62.772

93, 3.045, 66.985

74, 45.134, 61.732

97, 4.032, 248.363

70, 54.844, 60.686

99, 5.412, 199.185

67, 64.589, 59.554

64, 73.707, 58.144

61, 81.028, 56.081

60, 84.301, 54.622

Harmonies

Complementary

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



85, 18.454, 64.900



84, 16.784, 250.999

Rectangle

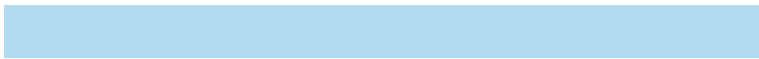
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 18.454, 64.900



85, 18.454, 114.900



85, 18.454, 244.900



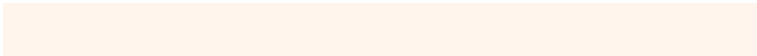
85, 18.454, 294.900

Sweetspot

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



85, 18.454, 64.909



97, 5.331, 66.742



80, 27.667, 341.409



51, 3.470, 66.683



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, 18.454, 64.909



88, 23.583, 64.384



92, 27.290, 104.053



48, 4.146, 66.495



47, 68.779, 55.298



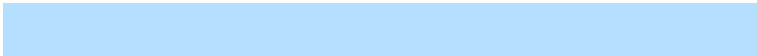
13, 23.600, 54.099

Inverse Universe

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



84, 16.784, 250.999



87, 20.991, 251.872



77, 28.606, 289.626



48, 4.011, 248.817



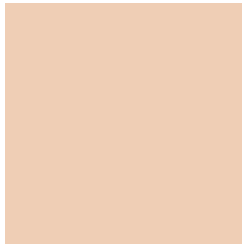
43, 49.026, 276.404



11, 18.973, 268.151

Previews

White Background



This preview shows how the CIELCh color 85, 18.454, 64.900 looks on a white background.

Color Contrast Check

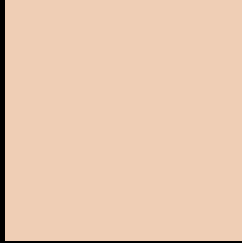
Large Text (above 18pt) WCAG AA × Fail

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, 18.454, 64.900 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, 18.454, 64.900

Background



This preview shows how black text looks on a background with the CIELCh color 85, 18.454, 64.900.

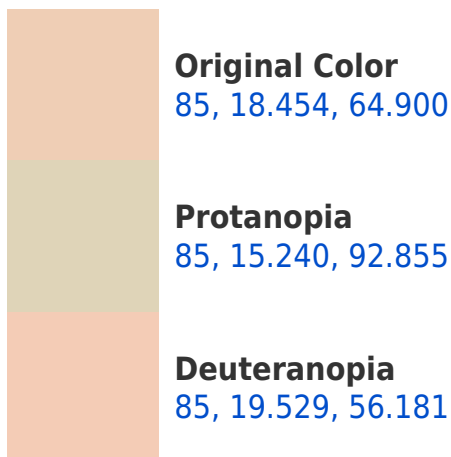


This preview shows how white text looks on a background with the CIELCh color 85, 18.454, 64.900.

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](#).

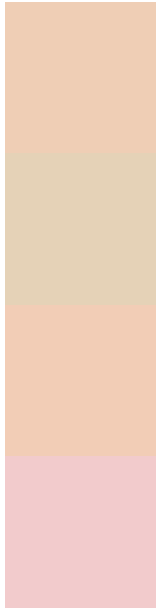
Dichromacy





Tritanopia
85, 17.848, 352.865

Trichromacy



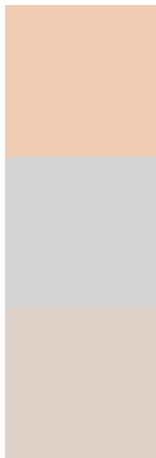
Original Color
85, 18.454, 64.900

Protanomaly
85, 15.944, 81.598

Deuteranomaly
85, 18.906, 59.471

Tritanomaly
85, 14.633, 18.455

Monochromacy



Original Color
85, 18.454, 64.900

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.867, 69.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 18.454, 64.900 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(239, 206, 181)` looks like.

```
.text, #text, p{  
    color:rgb(239, 206, 181)  
}
```

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(239, 206, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 206, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 18.454, 64.900 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(239, 206, 181) }
```

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

```
.border{ border-color:rgb(239, 206, 181) }
```

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

Here you see how a box with a 4 pixel rgb(239, 206, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 206, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 206, 181);  
box-shadow:4px 4px 4px 4px rgb(239, 206,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 18.454, 64.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 206, 181) }
```

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

```
.background{ background-color: rgb(239,  
206, 181) }
```

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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