

Converting Colors

CIELCh(85, 17.552, 69.176)

Have a look what the booklet for
CIELCh(85, 17.552, 69.176) contains.

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Color

CIELCh(85, 17.346, 68.586)

Conversions

Conversions Part 1

Format	Color
Hex	ECCFB6
RGB	236, 207, 182
RGB Percent	93%, 81%, 71%
CMY	0.0735, 0.1873, 0.2853
CMYK	0.00, 0.12, 0.23, 0.07
HSL	28°, 59%, 82%
HSV	28°, 23%, 93%
XYZ	65.5157, 66.0070, 53.6727
YIQ	212.8210, 25.3090, -1.6270

Conversions

Conversions Part 2

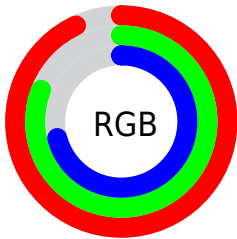
Format	Color
RYB	236, 229, 182
Decimal	15519670
CIELab	85.00, 6.33, 16.15
CIELCh	85, 17.346, 68.586
Yxy	66.0070, 0.3538, 0.3564
Android (android.graphics.Color)	4293709750 (0xFFECCFB6)
YUV	212.8210, -15.1948, 20.3280
Hunter-Lab	81.2447, 1.7641, 17.7025

Details

The CIELCh color $85, 17.346, 68.586$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83, 16.074, 254.602$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.605, 109.524$, and $65, 17.521, 68.823$ is the 20% darker color. If you saturate the color by 10%, you get $81, 25.623, 67.420$, and if you desaturate by 10%, it is $89, 9.500, 69.758$.

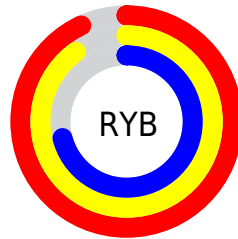
Distribution



Red (93%)

Green (81%)

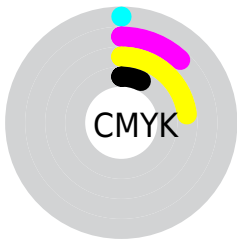
Blue (71%)



Red (93%)

Yellow (90%)

Blue (71%)

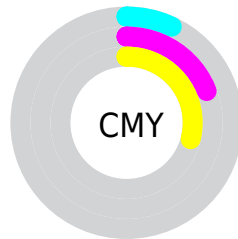


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 17.346, 68.586 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, 17.346, 68.586 by changing the saturation by 10% instead.

 85, 17.346, 68.586

 85, 17.346, 68.586

 100, 17.346,
68.586

 75, 17.346, 68.586

 65, 17.346, 68.586

 55, 17.346, 68.586

 45, 17.346, 68.586

 35, 17.346, 68.586

 25, 17.346, 68.586

 15, 17.346, 68.586

 5, 17.346, 68.586

 0, 17.346, 68.586

85, 17.346, 68.586

85, 17.346, 68.586

81, 25.623, 67.420

89, 9.500, 69.758

78, 34.341, 66.247

92, 2.055, 70.761

74, 43.469, 65.075

96, 5.027, 252.225

71, 52.889, 63.882

99, 6.430, 199.101

68, 62.316, 62.598

65, 71.145, 61.056

62, 78.311, 58.930

61, 82.119, 57.011

Harmonies

Complementary

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



85, 17.346, 68.586



83, 16.074, 254.602

Rectangle

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



85, 17.346, 68.586



85, 17.346, 118.586



85, 17.346, 248.586



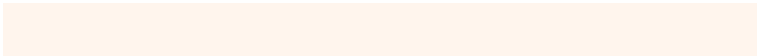
85, 17.346, 298.586

Sweetspot

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



85, 17.346, 68.596



97, 5.414, 70.404



80, 25.243, 342.986



52, 3.524, 70.340



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, 17.346, 68.596



89, 22.048, 68.096



92, 26.319, 105.780



47, 4.134, 70.141



47, 66.981, 57.710



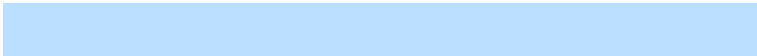
12, 22.226, 56.993

Inverse Universe

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



83, 16.074, 254.602



87, 20.107, 255.368



77, 27.620, 290.858



47, 4.020, 252.569



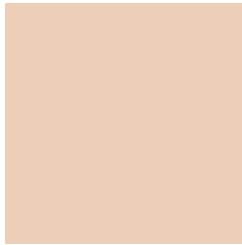
41, 51.747, 280.119



10, 19.306, 271.620

Previews

White Background



This preview shows how the CIELCh color 85, 17.346, 68.586 looks on a white background.

Color Contrast Check

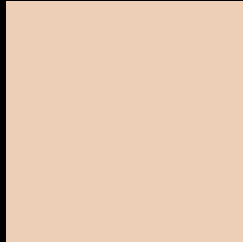
Large Text (above 18pt) WCAG AA × Fail

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, 17.346, 68.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

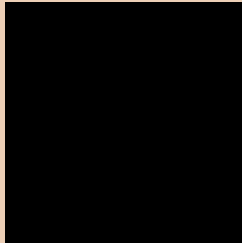
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 17.346, 68.586

Background



This preview shows how black text looks on a background with the CIELCh color 85, 17.346, 68.586.



This preview shows how white text looks on a background with the CIELCh color 85, 17.346, 68.586.

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, 17.346, 68.586

Protanopia

85, 14.736, 92.364

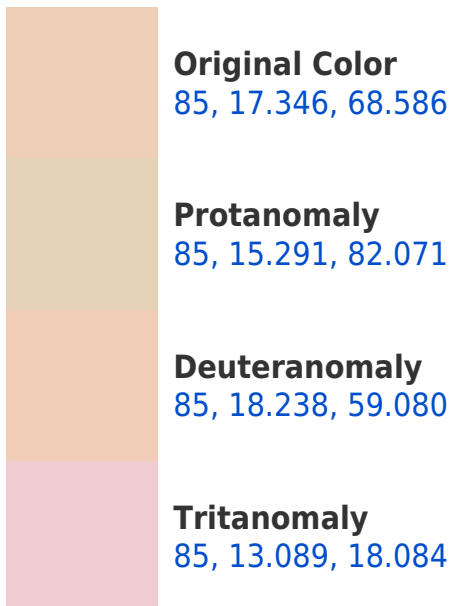
Deuteranopia

85, 19.194, 55.011



Tritanopia
85, 16.542, 350.288

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 17.346, 68.586 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(236, 207, 182)` looks like.

```
.text, #text, p{  
    color:rgb(236, 207, 182)  
}
```

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(236, 207, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 207, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 17.346, 68.586 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(236, 207, 182) }
```

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

```
.border{ border-color:rgb(236, 207, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 207, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 207, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 207, 182);  
box-shadow:4px 4px 4px 4px rgb(236, 207,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 17.346, 68.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 207, 182) }
```

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

```
.background{ background-color: rgb(236,  
207, 182) }
```

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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