

Converting Colors

CIELCh(86, 18.756, 72.991)

Have a look what the booklet for
CIELCh(86, 18.756, 72.991) contains.

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Color

CIELCh(86, 18.552, 71.512)

Conversions

Conversions Part 1

Format	Color
Hex	EFD2B6
RGB	239, 210, 182
RGB Percent	94%, 82%, 71%
CMY	0.0618, 0.1755, 0.2854
CMYK	0.00, 0.12, 0.24, 0.06
HSL	29°, 64%, 83%
HSV	29°, 24%, 94%
XYZ	67.2486, 67.9871, 53.9567
YIQ	215.4790, 26.2720, -2.5600

Conversions

Conversions Part 2

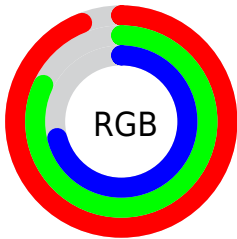
Format	Color
R _Y B	239, 237, 182
Decimal	15717046
CIE Lab	86.00, 5.88, 17.59
CIE LCh	86, 18.552, 71.512
Yxy	67.9871, 0.3555, 0.3594
Android (android.graphics.Color)	4293907126 (0xFFEFD2B6)
YUV	215.4790, -16.5051, 20.6279
Hunter-Lab	82.4543, 1.2871, 18.9196

Details

The CIELCh color $86, 18.552, 71.512$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $83, 17.330, 258.023$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.605, 109.524$, and $66, 18.533, 72.816$ is the 20% darker color. If you saturate the color by 10%, you get $83, 26.998, 70.276$, and if you desaturate by 10%, it is $90, 10.506, 72.745$.

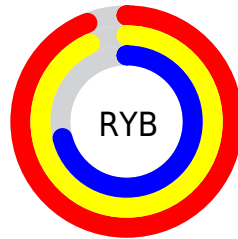
Distribution



Red (94%)

Green (82%)

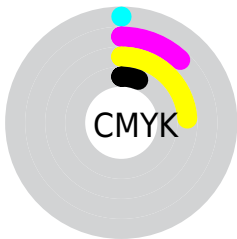
Blue (71%)



Red (94%)

Yellow (93%)

Blue (71%)

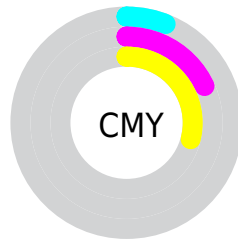


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 18.552, 71.512 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 86, 18.552, 71.512 by changing the saturation by 10% instead.

86, 18.552, 71.512

86, 18.552, 71.512

100, 18.552,
71.512

76, 18.552, 71.512

66, 18.552, 71.512

56, 18.552, 71.512

46, 18.552, 71.512

36, 18.552, 71.512

26, 18.552, 71.512

16, 18.552, 71.512

6, 18.552, 71.512

0, 18.552, 71.512

86, 18.552, 71.512

86, 18.552, 71.512

83, 26.998, 70.276

90, 10.506, 72.745

79, 35.842, 69.022

93, 2.837, 73.858

76, 45.037, 67.754

97, 4.488, 255.303

73, 54.439, 66.444

99, 5.420, 199.184

70, 63.717, 65.016

67, 72.204, 63.296

64, 78.802, 60.960

63, 81.815, 59.213

Harmonies

Complementary

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



86, 18.552, 71.512



83, 17.330, 258.023

Rectangle

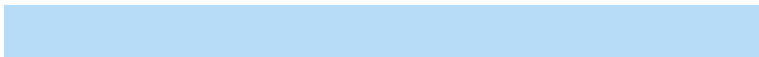
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 18.552, 71.512



86, 18.552, 121.512



86, 18.552, 251.512



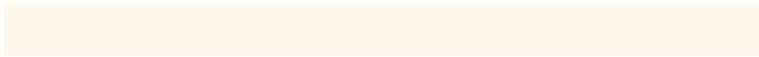
86, 18.552, 301.512

Sweetspot

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



86, 18.552, 71.521



97, 5.506, 73.539



80, 26.035, 344.873



52, 3.583, 73.472



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 18.552, 71.521



89, 24.087, 70.867



93, 28.609, 107.156



48, 4.277, 73.261



49, 66.840, 59.900



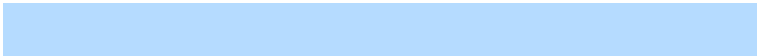
14, 23.417, 60.296

Inverse Universe

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



83, 17.330, 258.023



86, 22.119, 259.019



76, 30.214, 292.344



48, 4.177, 255.763



40, 55.426, 283.179



10, 21.053, 275.389

Previews

White Background



This preview shows how the CIELCh color 86, 18.552, 71.512 looks on a white background.

Color Contrast Check

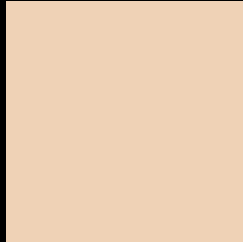
Large Text (above 18pt) WCAG AA × Fail

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 86, 18.552, 71.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

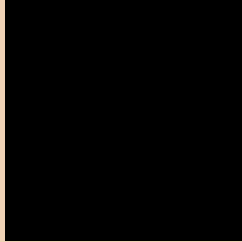
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 18.552, 71.512

Background



This preview shows how black text looks on a background with the CIELCh color 86, 18.552, 71.512.

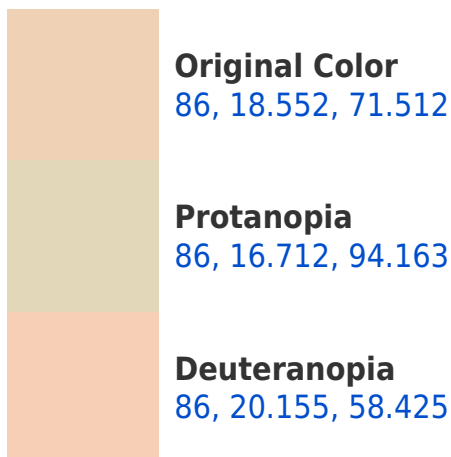


This preview shows how white text looks on a background with the CIELCh color 86, 18.552, 71.512.

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
86, 16.500, 350.268

Trichromacy



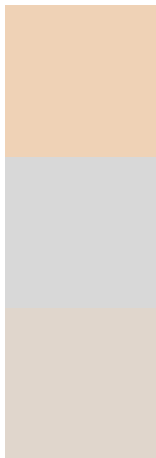
Original Color
86, 18.552, 71.512

Protanomaly
86, 17.156, 84.952

Deuteranomaly
86, 19.279, 62.446

Tritanomaly
86, 13.064, 20.347

Monochromacy



Original Color
86, 18.552, 71.512

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.388, 74.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 18.552, 71.512 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, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(239, 210, 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(239, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 210, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 18.552, 71.512 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, 210, 182) }
```

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

```
.border{ border-color:rgb(239, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(239, 210,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 18.552, 71.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 210, 182) }
```

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

```
.background{ background-color: rgb(239,  
210, 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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