

Converting Colors

CIELCh(86, 15.705, 35.632)

Have a look what the booklet for
CIELCh(86, 15.705, 35.632) contains.

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Color

CIELCh(86, 15.804, 35.694)

Conversions

Conversions Part 1

Format	Color
Hex	F6CEC6
RGB	246, 206, 198
RGB Percent	96%, 81%, 78%
CMY	0.0343, 0.1912, 0.2226
CMYK	0.00, 0.16, 0.19, 0.03
HSL	10°, 73%, 87%
HSV	10°, 19%, 97%
XYZ	70.4460, 67.9871, 62.9820
YIQ	217.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

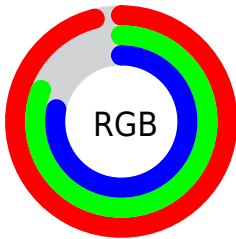
Format	Color
R _Y B	246, 208, 198
Decimal	16174790
CIE Lab	86.00, 12.84, 9.22
CIE LCh	86, 15.804, 35.694
Yxy	67.9871, 0.3498, 0.3375
Android (android.graphics.Color)	4294364870 (0xFFFF6CEC6)
YUV	217.0480, -9.3907, 25.3909
Hunter-Lab	82.4543, 8.2090, 12.4298

Details

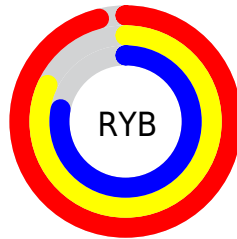
The CIELCh color **86, 15.804, 35.694** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.848, 216.121**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 15.712, 36.887** is the 20% darker color. If you saturate the color by 10%, you get **81, 24.942, 35.946**, and if you desaturate by 10%, it is **92, 7.381, 35.580**.

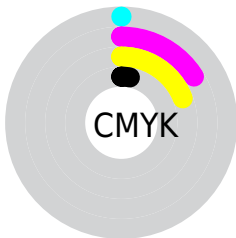
Distribution



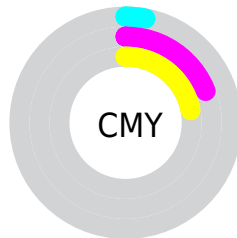
- Red (96%)
- Green (81%)
- Blue (78%)



- Red (96%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (19%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 15.804, 35.694 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, 15.804, 35.694 by changing the saturation by 10% instead.

 86, 15.804, 35.694

 86, 15.804, 35.694

 100, 15.804,
35.694

 76, 15.804, 35.694

 66, 15.804, 35.694

 56, 15.804, 35.694

 46, 15.804, 35.694

 36, 15.804, 35.694

 26, 15.804, 35.694

 16, 15.804, 35.694

 6, 15.804, 35.694

 0, 15.804, 35.694

86, 15.804, 35.694

86, 15.804, 35.694

81, 24.942, 35.946

92, 7.381, 35.580

75, 34.827, 36.375

97, 0.377, 217.408

70, 45.444, 37.042

99, 3.027, 199.432

66, 56.702, 37.987

62, 68.381, 39.214

58, 80.003, 40.613

55, 90.496, 41.799

53, 98.097, 42.167

53, 98.437, 42.199

Harmonies

Complementary

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



86, 15.804, 35.694



92, 13.848, 216.121

Rectangle

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



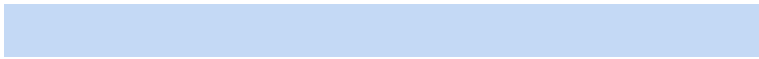
86, 15.804, 35.694



86, 15.804, 85.694



86, 15.804, 215.694



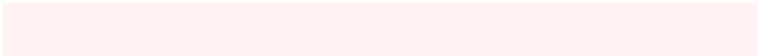
86, 15.804, 265.694

Sweetspot

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



86, 15.803, 35.704



96, 4.728, 35.529



85, 27.031, 330.585



51, 3.144, 35.542



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, 15.803, 35.704



87, 19.467, 35.772



92, 17.569, 88.628



48, 4.395, 35.580



40, 79.380, 42.554



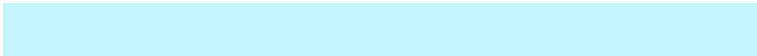
10, 27.956, 33.953

Inverse Universe

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



92, 13.848, 216.121



94, 16.609, 216.243



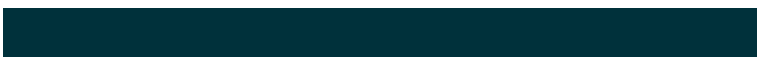
85, 17.495, 273.925



50, 4.136, 215.910



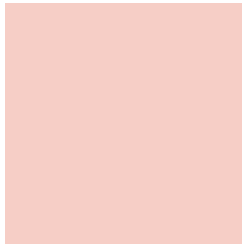
59, 34.372, 228.320



18, 15.314, 223.541

Previews

White Background



This preview shows how the CIELCh color 86, 15.804, 35.694 looks on a white background.

Color Contrast Check

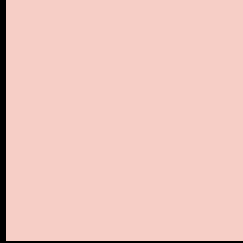
Large Text (above 18pt) WCAG AA × Fail

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, 15.804, 35.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

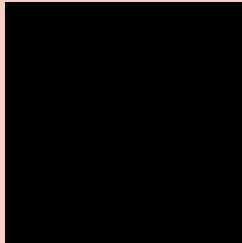
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 15.804, 35.694

Background



This preview shows how black text looks on a background with the CIELCh color 86, 15.804, 35.694.

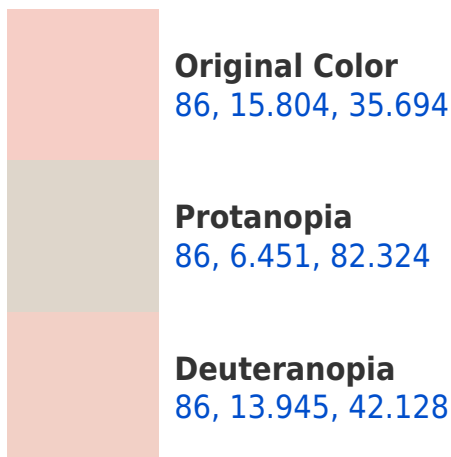



This preview shows how white text looks on a background with the CIELCh color 86, 15.804, 35.694.

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](#).

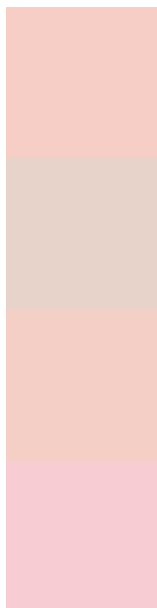
Dichromacy





Tritanopia
86, 18.805, 354.558

Trichromacy



Original Color
86, 15.804, 35.694

Protanomaly
86, 9.133, 54.620

Deuteranomaly
86, 14.849, 38.703

Tritanomaly
86, 16.743, 8.132

Monochromacy



Original Color
86, 15.804, 35.694

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 5.725, 35.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 15.804, 35.694 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(246, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(246, 206, 198)  
}
```

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(246, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 206, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 15.804, 35.694 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(246, 206, 198) }
```

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

```
.border{ border-color:rgb(246, 206, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 206, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 206, 198);  
box-shadow:4px 4px 4px 4px rgb(246, 206,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 15.804, 35.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 206, 198) }
```

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

```
.background{ background-color: rgb(246,  
206, 198) }
```

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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