

Converting Colors

CIELCh(87, 18.527, 36.106)

Have a look what the booklet for
CIELCh(87, 18.527, 36.106) contains.

CIELCh(87, 18.603, 35.146)	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(87, 18.603, 35.146)

Conversions

Conversions Part 1

Format	Color
Hex	FECFC6
RGB	254, 207, 198
RGB Percent	100%, 81%, 78%
CMY	0.0026, 0.1870, 0.2223
CMYK	0.00, 0.18, 0.22, 0.00
HSL	10°, 98%, 89%
HSV	10°, 22%, 100%
XYZ	73.6154, 70.0064, 63.2500
YIQ	220.0270, 30.9010, 7.1650

Conversions

Conversions Part 2

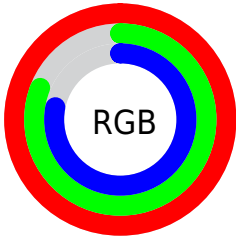
Format	Color
RYB	254, 209, 198
Decimal	16699334
CIELab	87.00, 15.21, 10.71
CIElCh	87, 18.603, 35.146
Yxy	70.0064, 0.3559, 0.3384
Android (android.graphics.Color)	4294889414 (0xFFFEFC6)
YUV	220.0270, -10.8593, 29.7943
Hunter-Lab	83.6698, 10.6278, 13.7487

Details

The CIELCh color **87, 18.603, 35.146** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 15.984, 215.478**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 18.705, 36.157** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.218, 35.475**, and if you desaturate by 10%, it is **93, 9.736, 34.979**.

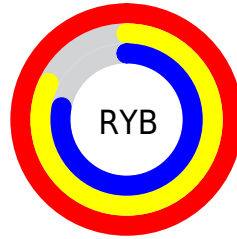
Distribution



Red (100%)

Green (81%)

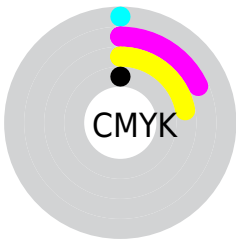
Blue (78%)



Red (100%)

Yellow (82%)

Blue (78%)

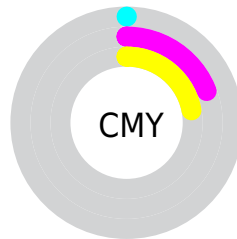


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.603, 35.146 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 87, 18.603, 35.146 by changing the saturation by 10% instead.

 87, 18.603, 35.146

 87, 18.603, 35.146

 100, 18.603,
35.146

 77, 18.603, 35.146

 67, 18.603, 35.146

 57, 18.603, 35.146

 47, 18.603, 35.146

 37, 18.603, 35.146

 27, 18.603, 35.146

 17, 18.603, 35.146

 7, 18.603, 35.146

 0, 18.603, 35.146

87, 18.603, 35.146

87, 18.603, 35.146

81, 28.218, 35.475

93, 9.736, 34.979

76, 38.603, 36.001

99, 1.572, 34.610

71, 49.722, 36.785

100, 0.231,
202.265

66, 61.452, 37.864

62, 73.510, 39.222

59, 85.283, 40.697

56, 95.408, 41.782

55, 101.129,
42.028

Harmonies

Complementary

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



87, 18.603, 35.146



94, 15.984, 215.478

Rectangle

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



87, 18.603, 35.146



87, 18.603, 85.146



87, 18.603, 215.146



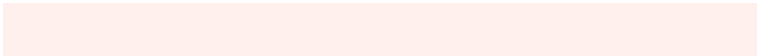
87, 18.603, 265.146

Sweetspot

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



87, 18.602, 35.155



96, 5.561, 34.906



86, 31.726, 330.181



51, 3.623, 34.917



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 18.602, 35.155



85, 22.380, 35.261



94, 20.127, 86.915



50, 4.564, 34.945



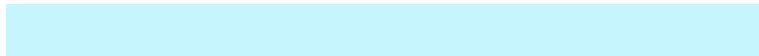
41, 81.213, 42.366



11, 30.552, 35.072

Inverse Universe

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



94, 15.984, 215.478



93, 18.646, 215.622



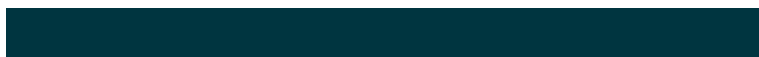
87, 19.937, 273.029



52, 4.293, 215.222



61, 35.068, 227.087



20, 16.180, 222.900

Previews

White Background



This preview shows how the CIELCh color 87, 18.603, 35.146 looks on a white background.

Color Contrast Check

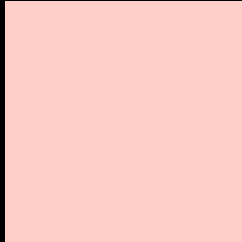
Large Text (above 18pt) WCAG AA × Fail

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 87, 18.603, 35.146 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 87, 18.603, 35.146

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.603, 35.146.

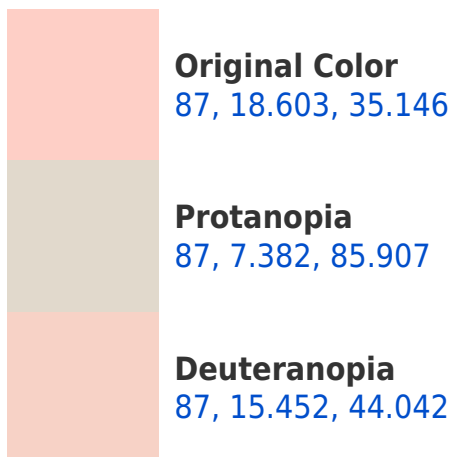


This preview shows how white text looks on a background with the CIELCh color 87, 18.603, 35.146.

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
87, 19.932, 357.961

Trichromacy



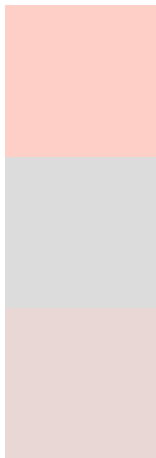
Original Color
87, 18.603, 35.146

Protanomaly
87, 10.369, 53.357

Deuteranomaly
87, 16.696, 40.390

Tritanomaly
87, 18.506, 11.150

Monochromacy



Original Color
87, 18.603, 35.146

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 6.434, 33.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.603, 35.146 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(254, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 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(254, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.603, 35.146 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(254, 207, 198) }
```

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

```
.border{ border-color:rgb(254, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.603, 35.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 198) }
```

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

```
.background{ background-color: rgb(254,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor