

Converting Colors

CIELCh(80, 35.829, 59.855)

Have a look what the booklet for
CIELCh(80, 35.829, 59.855) contains.

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Color

CIELCh(80, 35.678, 59.830)

Conversions

Conversions Part 1

Format	Color
Hex	F9B98E
RGB	249, 185, 142
RGB Percent	98%, 73%, 56%
CMY	0.0243, 0.2751, 0.4438
CMYK	0.00, 0.26, 0.43, 0.02
HSL	24°, 90%, 77%
HSV	24°, 43%, 98%
XYZ	61.1852, 56.6813, 33.2433
YIQ	199.2340, 51.9470, 0.1950

Conversions

Conversions Part 2

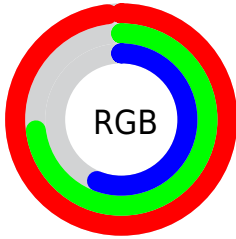
Format	Color
R _Y B	249, 214, 142
Decimal	16365966
CIE Lab	80.00, 17.93, 30.84
CIE LCh	80, 35.678, 59.830
Yxy	56.6813, 0.4049, 0.3751
Android (android.graphics.Color)	4294556046 (0xFFFF9B98E)
YUV	199.2340, -28.2164, 43.6448
Hunter-Lab	75.2870, 13.3134, 26.5211

Details

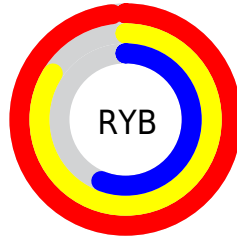
The CIELCh color **80, 35.678, 59.830** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 29.048, 251.099**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.568, 95.274**, and **60, 35.649, 60.319** is the 20% darker color. If you saturate the color by 10%, you get **76, 45.396, 58.935**, and if you desaturate by 10%, it is **84, 26.498, 60.776**.

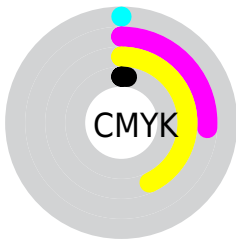
Distribution



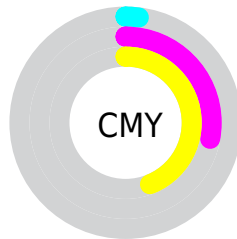
- Red (98%)
- Green (73%)
- Blue (56%)



- Red (98%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (26%)
- Yellow (43%)
- Black (2%)



- Cyan (2%)
- Magenta (28%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 35.678, 59.830 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 80, 35.678, 59.830 by changing the saturation by 10% instead.

 80, 35.678, 59.830

 80, 35.678, 59.830

 100, 35.678,
59.830

 70, 35.678, 59.830

 60, 35.678, 59.830

 50, 35.678, 59.830

 40, 35.678, 59.830

 30, 35.678, 59.830

 20, 35.678, 59.830

 10, 35.678, 59.830

 0, 35.678, 59.830

 80, 35.678, 59.830

 80, 35.678, 59.830

76, 45.396, 58.935

84, 26.498, 60.776

72, 55.552, 58.055

88, 17.874, 61.752

69, 65.870, 57.126

92, 9.783, 62.741

66, 75.727, 55.968

97, 2.181, 63.584

63, 83.937, 54.206

100, 2.145,
199.578

61, 88.289, 52.541

Harmonies

Complementary

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



80, 35.678, 59.830



80, 29.048, 251.099

Rectangle

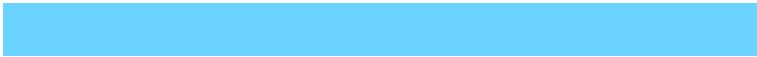
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 35.678, 59.830



80, 35.678, 109.830



80, 35.678, 239.830



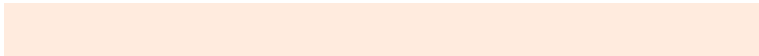
80, 35.678, 289.830

Sweetspot

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



80, 35.677, 59.836



94, 9.985, 62.739



72, 50.895, 342.465



49, 7.036, 62.521



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 35.677, 59.836



78, 45.310, 59.017



93, 48.674, 101.175



50, 4.247, 63.080



47, 71.330, 53.208



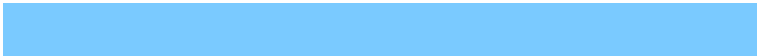
14, 26.242, 52.040

Inverse Universe

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



80, 29.048, 251.099



78, 35.076, 253.485



66, 53.306, 292.208



50, 4.091, 245.278



46, 47.226, 272.695



13, 19.342, 265.139

Previews

White Background



This preview shows how the CIELCh color 80, 35.678, 59.830 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 CIE LCh color 80, 35.678, 59.830 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 80, 35.678, 59.830

Background



This preview shows how black text looks on a background with the CIELCh color 80, 35.678, 59.830.

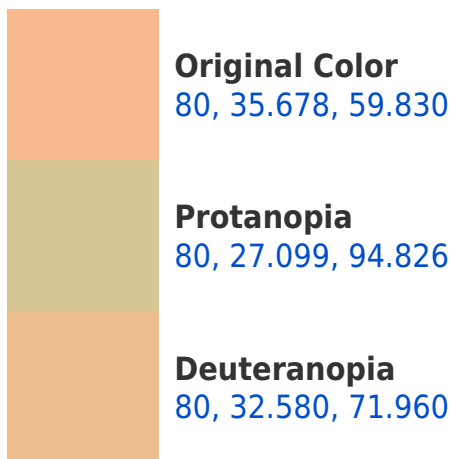


This preview shows how white text looks on a background with the CIELCh color 80, 35.678, 59.830.

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](#).

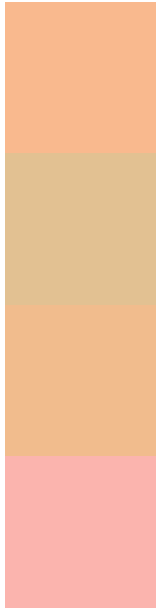
Dichromacy





Tritanopia
80, 29.471, 7.591

Trichromacy



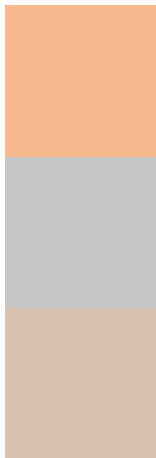
Original Color
80, 35.678, 59.830

Protanomaly
80, 28.503, 79.583

Deuteranomaly
80, 33.726, 67.124

Tritanomaly
80, 28.356, 28.051

Monochromacy



Original Color
80, 35.678, 59.830

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 12.322, 63.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 35.678, 59.830 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(249, 185, 142)` looks like.

```
.text, #text, p{  
    color:rgb(249, 185, 142)  
}
```

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(249, 185, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 185, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 35.678, 59.830 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(249, 185, 142) }
```

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

```
.border{ border-color:rgb(249, 185, 142) }
```

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

Here you see how a box with a 4 pixel rgb(249, 185, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 185, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 185, 142);  
box-shadow:4px 4px 4px 4px rgb(249, 185,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 35.678, 59.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 185, 142) }
```

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

```
.background{ background-color: rgb(249,  
185, 142) }
```

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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