

Converting Colors

CIELCh(79, 58.655, 77.728)

Have a look what the booklet for
CIELCh(79, 58.655, 77.728) contains.

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Color

CIELCh(79, 58.675, 78.035)

Conversions

Conversions Part 1

Format	Color
Hex	F6B956
RGB	246, 185, 86
RGB Percent	96%, 73%, 34%
CMY	0.0355, 0.2747, 0.6629
CMYK	0.00, 0.25, 0.65, 0.04
HSL	37°, 90%, 65%
HSV	37°, 65%, 96%
XYZ	57.0000, 54.9284, 16.3911
YIQ	191.9530, 68.1350, -17.8570

Conversions

Conversions Part 2

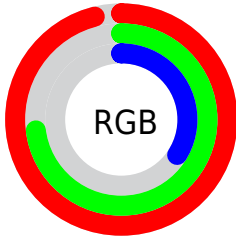
Format	Color
RYB	185, 246, 86
Decimal	16169302
CIELab	79.00, 12.16, 57.40
CIELCh	79, 58.675, 78.035
Yxy	54.9284, 0.4442, 0.4281
Android (android.graphics.Color)	4294359382 (0xFFFF6B956)
YUV	191.9530, -52.2348, 47.3992
Hunter-Lab	74.1137, 7.5835, 38.7669

Details

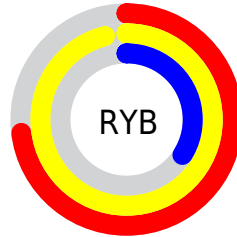
The CIELCh color **79, 58.675, 78.035** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **61, 56.508, 281.214**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 51.455, 99.760**, and **59, 58.693, 77.869** is the 20% darker color. If you saturate the color by 10%, you get **77, 67.192, 76.354**, and if you desaturate by 10%, it is **82, 49.513, 79.578**.

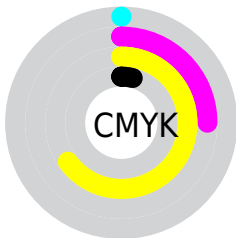
Distribution



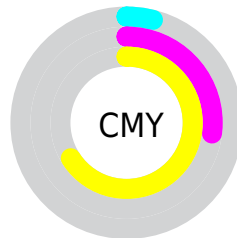
- Red (96%)
- Green (73%)
- Blue (34%)



- Red (73%)
- Yellow (96%)
- Blue (34%)



- Cyan (0%)
- Magenta (25%)
- Yellow (65%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 58.675, 78.035 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 79, 58.675, 78.035 by changing the saturation by 10% instead.

 79, 58.675, 78.035

 79, 58.675, 78.035

 100, 58.675,
78.035

 69, 58.675, 78.035

 99, 58.675, 78.035

 59, 58.675, 78.035

 49, 58.675, 78.035

 39, 58.675, 78.035

 29, 58.675, 78.035

 19, 58.675, 78.035

 9, 58.675, 78.035

 0, 58.675, 78.035

 79, 58.675, 78.035

 79, 58.675, 78.035

77, 67.192, 76.354

82, 49.513, 79.578

74, 74.281, 74.387

84, 40.169, 81.040

72, 78.932, 71.905

87, 30.886, 82.452

71, 80.438, 70.507

90, 21.781, 83.824

92, 12.902, 85.150

95, 4.264, 86.395

98, 2.753, 254.719

99, 3.135, 199.418

Harmonies

Complementary

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



79, 58.675, 78.035



61, 56.508, 281.214

Rectangle

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



79, 58.675, 78.035



79, 58.675, 128.035



79, 58.675, 258.035



79, 58.675, 308.035

Sweetspot

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



79, 58.675, 78.038



94, 17.780, 84.495



60, 65.810, 0.159



49, 12.179, 84.119



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 58.675, 78.038



78, 71.520, 75.784



93, 76.401, 109.999



50, 4.814, 85.862



55, 65.216, 71.123



16, 25.213, 73.704

Inverse Universe

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



61, 56.508, 281.214



57, 70.504, 285.928



47, 92.676, 302.976



48, 4.786, 268.419



34, 71.351, 293.717



8, 27.283, 287.518

Previews

White Background



This preview shows how the CIELCh color 79, 58.675, 78.035 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 79, 58.675, 78.035 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 79, 58.675, 78.035

Background



This preview shows how black text looks on a background with the CIELCh color 79, 58.675, 78.035.



This preview shows how white text looks on a background with the CIELCh color 79, 58.675, 78.035.

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

79, 58.675, 78.035

Protanopia

79, 55.527, 95.675

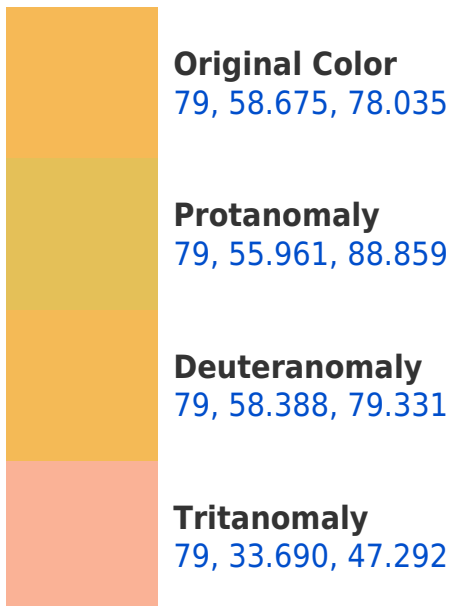
Deuteranopia

79, 58.173, 79.709

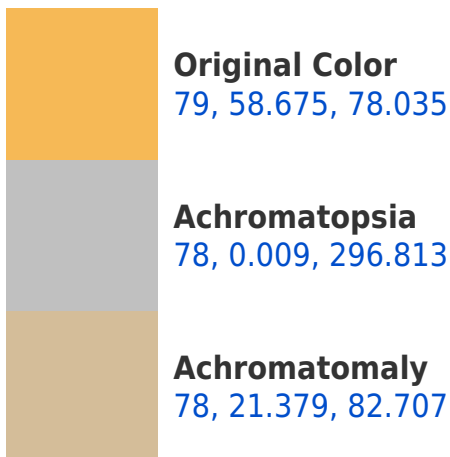


Tritanopia
79, 31.047, 9.507

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 58.675, 78.035 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, 185, 86)` looks like.

```
.text, #text, p{  
    color:rgb(246, 185, 86)  
}
```

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, 185, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 185, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 58.675, 78.035 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, 185, 86) }
```

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

```
.border{ border-color:rgb(246, 185, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 185, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 185, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 185, 86);  
box-shadow:4px 4px 4px 4px rgb(246, 185,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 58.675, 78.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 185, 86) }
```

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

```
.background{ background-color: rgb(246,  
185, 86) }
```

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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