

Converting Colors

CIELCh(90, 88.474, 53.722)

Have a look what the booklet for
CIELCh(90, 88.474, 53.722) contains.

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Color

CIELCh(79, 59.282, 72.700)

Conversions

Conversions Part 1

Format	Color
Hex	FEB558
RGB	254, 181, 88
RGB Percent	100%, 71%, 35%
CMY	0.0035, 0.2894, 0.6540
CMYK	0.00, 0.29, 0.65, 0.00
HSL	34°, 99%, 67%
HSV	34°, 65%, 100%
XYZ	59.2452, 54.9284, 16.7637
YIQ	192.2250, 73.3610, -13.4470

Conversions

Conversions Part 2

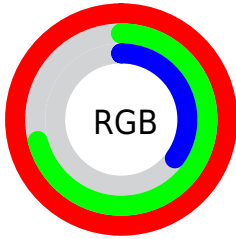
Format	Color
R _Y B	218, 254, 88
Decimal	16692568
CIE Lab	79.00, 17.63, 56.60
CIE LCh	79, 59.282, 72.700
Yxy	54.9284, 0.4525, 0.4195
Android (android.graphics.Color)	4294882648 (0xFFFE558)
YUV	192.2250, -51.3829, 54.1767
Hunter-Lab	74.1137, 12.9908, 38.4689

Details

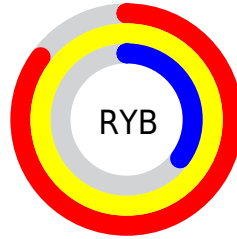
The CIELCh color **79, 59.282, 72.700** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **66, 53.243, 276.242**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 48.967, 97.683**, and **59, 59.256, 72.586** is the 20% darker color. If you saturate the color by 10%, you get **76, 68.386, 71.045**, and if you desaturate by 10%, it is **82, 49.710, 74.206**.

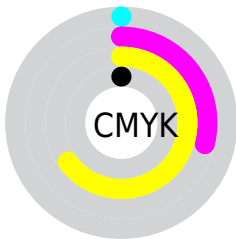
Distribution



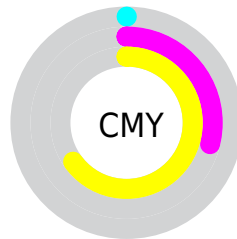
- Red (100%)
- Green (71%)
- Blue (35%)



- Red (85%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (29%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 59.282, 72.700 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, 59.282, 72.700 by changing the saturation by 10% instead.

79, 59.282, 72.700

79, 59.282, 72.700

100, 59.282,
72.700

69, 59.282, 72.700

99, 59.282, 72.700

59, 59.282, 72.700

49, 59.282, 72.700

39, 59.282, 72.700

29, 59.282, 72.700

19, 59.282, 72.700

9, 59.282, 72.700

0, 59.282, 72.700

79, 59.282, 72.700

79, 59.282, 72.700

76, 68.386, 71.045

82, 49.710, 74.206

74, 76.219, 69.058

85, 40.115, 75.633

71, 81.658, 66.453

88, 30.715, 77.019

70, 83.472, 65.036

91, 21.605, 78.373

95, 12.813, 79.689

98, 4.338, 80.925

100, 0.314,
201.498

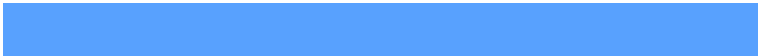
Harmonies

Complementary

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



79, 59.282, 72.700



66, 53.243, 276.242

Rectangle

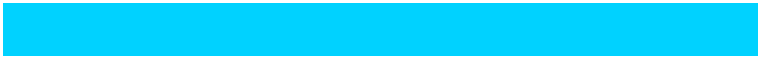
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 59.282, 72.700



79, 59.282, 122.700



79, 59.282, 252.700



79, 59.282, 302.700

Sweetspot

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



79, 59.281, 72.704



93, 16.978, 79.072



62, 69.101, 355.334



49, 11.644, 78.700



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, 59.281, 72.704



76, 70.894, 70.543



96, 78.274, 106.698



51, 4.731, 80.421



54, 67.271, 65.709



17, 27.132, 67.917

Inverse Universe

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



66, 53.243, 276.242



60, 63.948, 281.082



48, 95.809, 301.788



50, 4.668, 263.012



38, 65.628, 289.564



11, 26.459, 283.509

Previews

White Background



This preview shows how the CIELCh color 79, 59.282, 72.700 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 79, 59.282, 72.700 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, 59.282, 72.700

Background



This preview shows how black text looks on a background with the CIELCh color 79, 59.282, 72.700.



This preview shows how white text looks on a background with the CIELCh color 79, 59.282, 72.700.

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, 59.335, 72.662

Protanopia

79, 53.719, 95.554

Deuteranopia

79, 57.747, 79.571



Tritanopia
79, 31.738, 11.789

Trichromacy



Original Color
79, 59.335, 72.662

Protanomaly
79, 54.656, 87.195

Deuteranomaly
79, 58.340, 76.960

Tritanomaly
79, 35.752, 44.978

Monochromacy



Original Color
79, 59.335, 72.662

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 21.247, 77.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 59.282, 72.700 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, 181, 88)` looks like.

```
.text, #text, p{  
    color:rgb(254, 181, 88)  
}
```

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, 181, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 181, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 59.282, 72.700 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, 181, 88) }
```

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

```
.border{ border-color:rgb(254, 181, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 181, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 181, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 181, 88);  
box-shadow:4px 4px 4px 4px rgb(254, 181,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 59.282, 72.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 181, 88) }
```

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

```
.background{ background-color: rgb(254,  
181, 88) }
```

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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