

Converting Colors

CIELCh(78, 42.203, 59.366)

Have a look what the booklet for
CIELCh(78, 42.203, 59.366) contains.

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Color

CIELCh(78, 42.146, 59.383)

Conversions

Conversions Part 1

Format	Color
Hex	FBB17F
RGB	251, 177, 127
RGB Percent	98%, 69%, 50%
CMY	0.0176, 0.3076, 0.5036
CMYK	0.00, 0.30, 0.49, 0.02
HSL	24°, 93%, 74%
HSV	24°, 49%, 98%
XYZ	59.0479, 53.2120, 27.0955
YIQ	193.4260, 60.1540, 0.1380

Conversions

Conversions Part 2

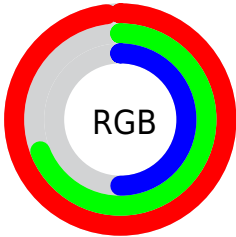
Format	Color
R _Y B	251, 211, 127
Decimal	16494975
CIE Lab	78.00, 21.46, 36.27
CIE LCh	78, 42.146, 59.383
Yxy	53.2120, 0.4237, 0.3818
Android (android.graphics.Color)	4294685055 (0xFFFBB17F)
YUV	193.4260, -32.7480, 50.4924
Hunter-Lab	72.9466, 16.8336, 29.0398

Details

The CIELCh color **78, 42.146, 59.383** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 33.144, 252.951**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 28.526, 90.452**, and **58, 42.285, 59.061** is the 20% darker color. If you saturate the color by 10%, you get **74, 52.216, 58.497**, and if you desaturate by 10%, it is **82, 32.561, 60.309**.

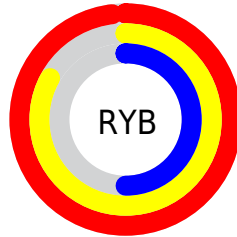
Distribution



Red (98%)

Green (69%)

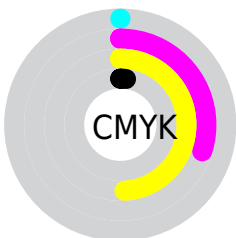
Blue (50%)



Red (98%)

Yellow (83%)

Blue (50%)

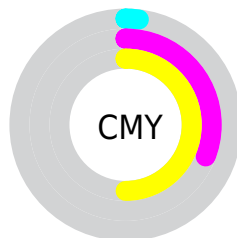


Cyan (0%)

Magenta (30%)

Yellow (49%)

Black (2%)



Cyan (2%)

Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 42.146, 59.383 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 78, 42.146, 59.383 by changing the saturation by 10% instead.

78, 42.146, 59.383

78, 42.146, 59.383

100, 42.146,
59.383

68, 42.146, 59.383

98, 42.146, 59.383

58, 42.146, 59.383

48, 42.146, 59.383

38, 42.146, 59.383

28, 42.146, 59.383

18, 42.146, 59.383

8, 42.146, 59.383

0, 42.146, 59.383

78, 42.146, 59.383

78, 42.146, 59.383

74, 52.216, 58.497

82, 32.561, 60.309

71, 62.573, 57.589

86, 23.530, 61.270

67, 72.735, 56.531

90, 15.051, 62.260

64, 81.723, 55.025

94, 7.092, 63.246

62, 88.354, 52.733

99, 0.393, 245.686

61, 88.687, 52.619

100, 1.558,
199.732

Harmonies

Complementary

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



78, 42.146, 59.383



78, 33.144, 252.951

Rectangle

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



78, 42.146, 59.383



78, 42.146, 109.383



78, 42.146, 239.383



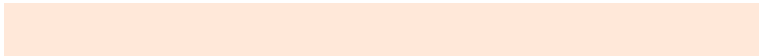
78, 42.146, 289.383

Sweetspot

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



78, 42.145, 59.388



93, 11.598, 62.703



69, 58.304, 343.222



49, 7.966, 62.493



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 42.145, 59.388



76, 52.493, 58.534



93, 55.916, 100.480



50, 4.249, 63.244



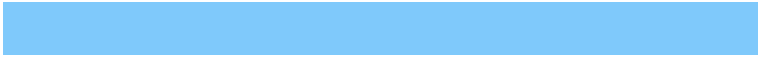
47, 71.277, 53.300



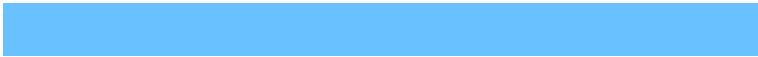
14, 26.231, 52.170

Inverse Universe

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



78, 33.144, 252.951



75, 39.151, 255.824



62, 62.483, 293.594



50, 4.093, 245.449



46, 47.359, 272.886



13, 19.386, 265.335

Previews

White Background



This preview shows how the CIELCh color 78, 42.146, 59.383 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 78, 42.146, 59.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

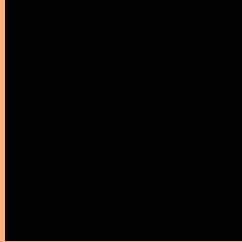
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 42.146, 59.383

Background



This preview shows how black text looks on a background with the CIELCh color 78, 42.146, 59.383.

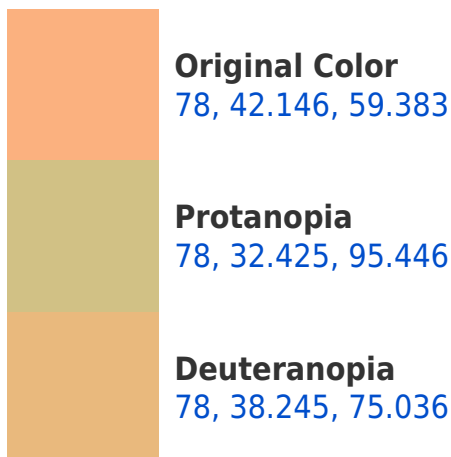


This preview shows how white text looks on a background with the CIELCh color 78, 42.146, 59.383.

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
78, 33.898, 10.919

Trichromacy



Original Color
78, 42.146, 59.383

Protanomaly
78, 33.802, 80.079

Deuteranomaly
78, 38.994, 69.017

Tritanomaly
78, 33.310, 31.177

Monochromacy



Original Color
78, 42.146, 59.383

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 14.359, 61.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 42.146, 59.383 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(251, 177, 127)` looks like.

```
.text, #text, p{  
    color:rgb(251, 177, 127)  
}
```

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(251, 177, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 177, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 42.146, 59.383 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(251, 177, 127) }
```

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

```
.border{ border-color:rgb(251, 177, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 177, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 177, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 177, 127);  
box-shadow:4px 4px 4px 4px rgb(251, 177,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 42.146, 59.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 177, 127) }
```

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

```
.background{ background-color: rgb(251,  
177, 127) }
```

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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