

Converting Colors

CIELCh(100, 100.166, 36.685)

Have a look what the booklet for
CIELCh(100, 100.166, 36.685)
contains.

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Color

CIELCh(79, 37.681, 51.388)

Conversions

Conversions Part 1

Format	Color
Hex	FEB28E
RGB	254, 178, 142
RGB Percent	100%, 70%, 56%
CMY	0.0038, 0.3014, 0.4425
CMYK	0.00, 0.30, 0.44, 0.00
HSL	19°, 98%, 78%
HSV	19°, 44%, 100%
XYZ	61.7283, 54.9284, 33.0049
YIQ	196.6200, 56.8520, 4.9160

Conversions

Conversions Part 2

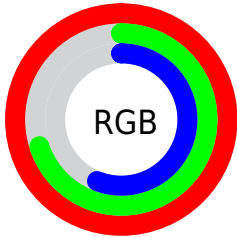
Format	Color
R _Y B	254, 195, 142
Decimal	16691854
CIE Lab	79.00, 23.51, 29.44
CIE LCh	79, 37.681, 51.388
Yxy	54.9284, 0.4125, 0.3670
Android (android.graphics.Color)	4294881934 (0xFFFE28E)
YUV	196.6200, -26.9277, 50.3223
Hunter-Lab	74.1137, 18.9712, 25.4761

Details

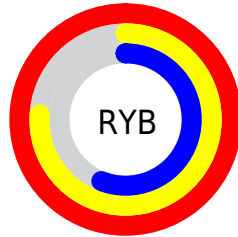
The CIELCh color **79, 37.681, 51.388** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 28.691, 240.068**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 21.107, 86.266**, and **59, 37.940, 51.569** is the 20% darker color. If you saturate the color by 10%, you get **75, 47.993, 50.994**, and if you desaturate by 10%, it is **83, 28.028, 51.896**.

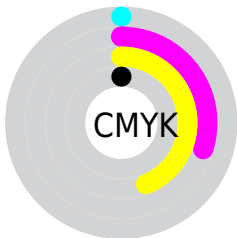
Distribution



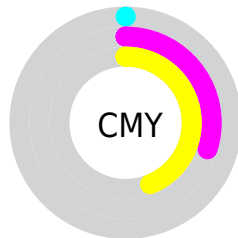
- Red (100%)
- Green (70%)
- Blue (56%)



- Red (100%)
- Yellow (76%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 37.681, 51.388 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, 37.681, 51.388 by changing the saturation by 10% instead.

79, 37.681, 51.388

79, 37.681, 51.388

100, 37.681,
51.388

69, 37.681, 51.388

99, 37.681, 51.388

59, 37.681, 51.388

49, 37.681, 51.388

39, 37.681, 51.388

29, 37.681, 51.388

19, 37.681, 51.388

9, 37.681, 51.388

0, 37.681, 51.388

79, 37.681, 51.388

79, 37.681, 51.388

75, 47.993, 50.994

83, 28.028, 51.896

71, 58.868, 50.686

88, 19.050, 52.488

67, 70.016, 50.401

93, 10.714, 53.141

64, 80.762, 49.934

98, 2.968, 53.727

61, 89.732, 48.826

100, 0.334,
201.370

59, 93.863, 47.827

Harmonies

Complementary

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



79, 37.681, 51.388



83, 28.691, 240.068

Rectangle

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



79, 37.681, 51.388



79, 37.681, 101.388



79, 37.681, 231.388



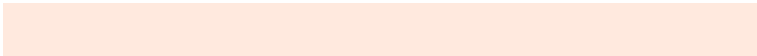
79, 37.681, 281.388

Sweetspot

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



79, 37.680, 51.393



94, 9.915, 53.209



73, 55.831, 338.451



49, 6.995, 53.063



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, 37.680, 51.393



75, 47.040, 51.030



92, 47.046, 96.193



51, 4.280, 53.438



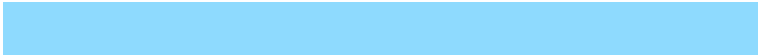
45, 75.339, 48.418



13, 28.281, 45.489

Inverse Universe

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



83, 28.691, 240.068



81, 33.501, 242.149



69, 50.273, 288.414



51, 4.076, 235.125



51, 40.928, 260.159



16, 17.698, 252.984

Previews

White Background



This preview shows how the CIELCh color 79, 37.681, 51.388 looks on a white background.

Color Contrast Check

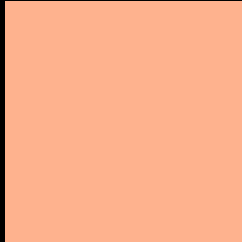
Large Text (above 18pt) WCAG AA × Fail

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, 37.681, 51.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

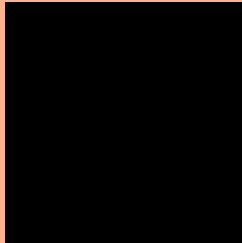
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 37.681, 51.388

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.681, 51.388.

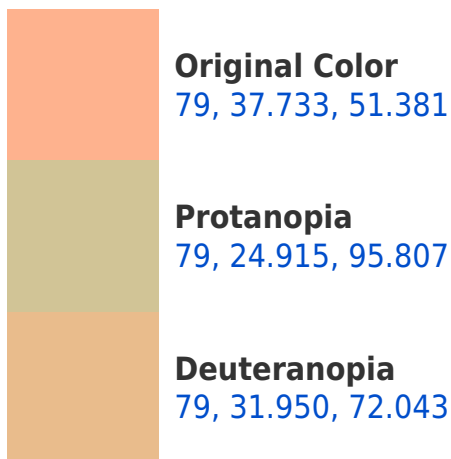


This preview shows how white text looks on a background with the CIELCh color 79, 37.681, 51.388.

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
79, 31.770, 10.844

Trichromacy



Original Color
79, 37.733, 51.381

Protanomaly
79, 27.161, 76.235

Deuteranomaly
79, 33.458, 62.944

Tritanomaly
79, 31.743, 27.700

Monochromacy



Original Color
79, 37.733, 51.381

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 12.907, 52.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.681, 51.388 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, 178, 142)` looks like.

```
.text, #text, p{  
    color:rgb(254, 178, 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(254, 178, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 178, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.681, 51.388 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, 178, 142) }
```

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

```
.border{ border-color:rgb(254, 178, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 178, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 178, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 178, 142);  
box-shadow:4px 4px 4px 4px rgb(254, 178,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.681, 51.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 178, 142) }
```

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

```
.background{ background-color: rgb(254,  
178, 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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