

Converting Colors

CIELCh(65, 54.057, 29.884)

Have a look what the booklet for
CIELCh(65, 54.057, 29.884) contains.

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Color

CIELCh(65, 54.402, 29.837)

Conversions

Conversions Part 1

Format	Color
Hex	F57870
RGB	245, 120, 112
RGB Percent	96%, 47%, 44%
CMY	0.0389, 0.5291, 0.5605
CMYK	0.00, 0.51, 0.54, 0.04
HSL	4°, 87%, 70%
HSV	4°, 54%, 96%
XYZ	47.3363, 34.0472, 19.4245
YIQ	156.4630, 77.0680, 24.0120

Conversions

Conversions Part 2

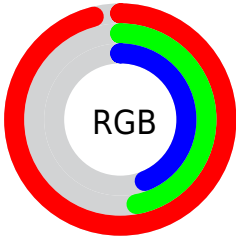
Format	Color
R _Y B	245, 121, 112
Decimal	16087152
CIE Lab	65.00, 47.19, 27.07
CIE LCh	65, 54.402, 29.837
Yxy	34.0472, 0.4696, 0.3377
Android (android.graphics.Color)	4294277232 (0xFFFF57870)
YUV	156.4630, -21.9203, 77.6469
Hunter-Lab	58.3500, 42.6955, 21.1075

Details

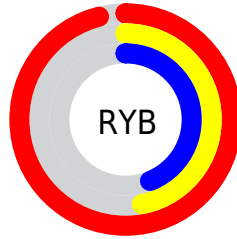
The CIELCh color **65, 54.402, 29.837** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **87, 35.608, 204.007**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.943, 32.093**, and **45, 54.386, 30.030** is the 20% darker color. If you saturate the color by 10%, you get **60, 66.213, 31.945**, and if you desaturate by 10%, it is **70, 42.913, 28.205**.

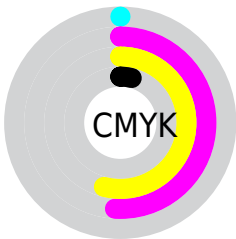
Distribution



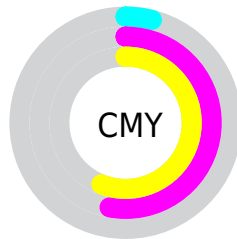
- Red (96%)
- Green (47%)
- Blue (44%)



- Red (96%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 54.402, 29.837 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 65, 54.402, 29.837 by changing the saturation by 10% instead.

 65, 54.402, 29.837

 65, 54.402, 29.837

 100, 54.402,
29.837

 55, 54.402, 29.837

 85, 54.402, 29.837

 45, 54.402, 29.837

 95, 54.402, 29.837

 35, 54.402, 29.837

 25, 54.402, 29.837

 15, 54.402, 29.837

 5, 54.402, 29.837

 0, 54.402, 29.837

 65, 54.402, 29.837

 65, 54.402, 29.837

 60, 66.213, 31.945

 70, 42.913, 28.205

■ 57, 77.955, 34.512

■ 76, 31.995, 26.968

■ 54, 88.898, 37.305

■ 82, 21.771, 26.043

■ 52, 97.447, 39.565

■ 88, 12.288, 25.346

■ 52, 100.716,
40.465

■ 94, 3.532, 24.725

■ 99, 3.430, 199.381

Harmonies

Complementary

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



65, 54.402, 29.837



87, 35.608, 204.007

Rectangle

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



65, 54.402, 29.837



65, 54.402, 79.837



65, 54.402, 209.837



65, 54.402, 259.837

Sweetspot

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



65, 54.399, 29.840



90, 14.327, 25.456



67, 78.105, 328.772



46, 9.755, 25.591



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 54.399, 29.840



62, 69.288, 32.149



79, 47.142, 73.369



48, 4.793, 25.064



39, 81.716, 40.630



9, 29.760, 28.206

Inverse Universe

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



87, 35.608, 204.007



89, 40.962, 204.296



69, 42.376, 271.569



50, 4.506, 204.506



65, 36.580, 206.541



20, 16.413, 205.095

Previews

White Background



This preview shows how the CIELCh color 65, 54.402, 29.837 looks on a white background.

Color Contrast Check

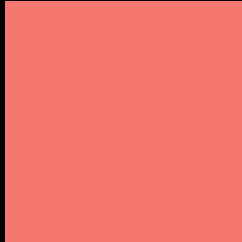
Large Text (above 18pt) WCAG AA × Fail

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 65, 54.402, 29.837 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 65, 54.402, 29.837

Background



This preview shows how black text looks on a background with the CIELCh color 65, 54.402, 29.837.

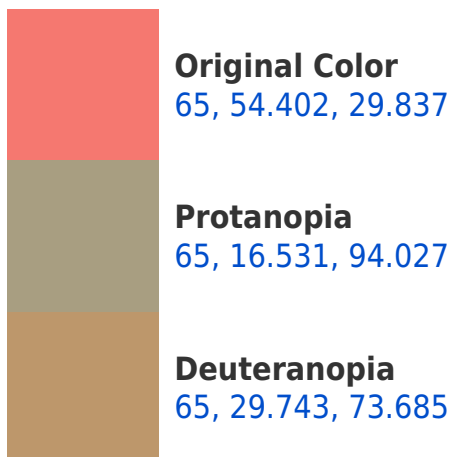


This preview shows how white text looks on a background with the CIELCh color 65, 54.402, 29.837.

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
65, 53.291, 21.168

Trichromacy



Original Color
65, 54.402, 29.837

Protanomaly
64, 25.338, 48.175

Deuteranomaly
64, 35.500, 50.103

Tritanomaly
65, 53.586, 24.464

Monochromacy



Original Color
65, 54.402, 29.837

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 18.461, 26.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 54.402, 29.837 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(245, 120, 112)` looks like.

```
.text, #text, p{  
    color:rgb(245, 120, 112)  
}
```

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(245, 120, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 120, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 54.402, 29.837 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(245, 120, 112) }
```

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

```
.border{ border-color:rgb(245, 120, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 120, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 120, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 120, 112);  
box-shadow:4px 4px 4px 4px rgb(245, 120,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 54.402, 29.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 120, 112) }
```

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

```
.background{ background-color: rgb(245,  
120, 112) }
```

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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