

Converting Colors

CIELCh(65, 53.981, 33.448)

Have a look what the booklet for
CIELCh(65, 53.981, 33.448) contains.

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Color

CIELCh(65, 54.066, 33.477)

Conversions

Conversions Part 1

Format	Color
Hex	F37A6B
RGB	243, 122, 107
RGB Percent	95%, 48%, 42%
CMY	0.0469, 0.5214, 0.5803
CMYK	0.00, 0.50, 0.56, 0.05
HSL	7°, 85%, 69%
HSV	7°, 56%, 95%
XYZ	46.5901, 34.0472, 18.0327
YIQ	156.4690, 76.9310, 20.9870

Conversions

Conversions Part 2

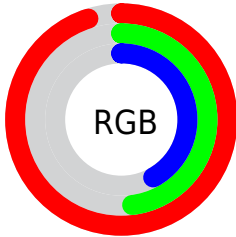
Format	Color
R _Y B	243, 124, 107
Decimal	15956587
CIE Lab	65.00, 45.10, 29.82
CIE LCh	65, 54.066, 33.477
Yxy	34.0472, 0.4722, 0.3451
Android (android.graphics.Color)	4294146667 (0xFFFF37A6B)
YUV	156.4690, -24.3882, 75.8877
Hunter-Lab	58.3500, 40.4125, 22.5218

Details

The CIELCh color **65, 54.066, 33.477** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **85, 34.541, 210.643**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 33.444, 38.199**, and **45, 54.231, 33.579** is the 20% darker color. If you saturate the color by 10%, you get **61, 65.713, 35.168**, and if you desaturate by 10%, it is **70, 42.828, 32.175**.

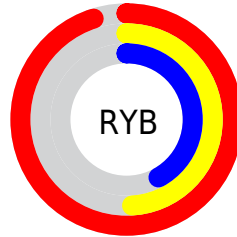
Distribution



Red (95%)

Green (48%)

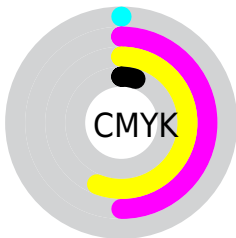
Blue (42%)



Red (95%)

Yellow (49%)

Blue (42%)

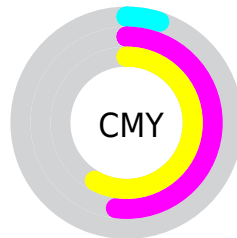


Cyan (0%)

Magenta (50%)

Yellow (56%)

Black (5%)



Cyan (5%)

Magenta (52%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 54.066, 33.477 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, 54.066, 33.477 by changing the saturation by 10% instead.

 65, 54.066, 33.477

 65, 54.066, 33.477

 100, 54.066,
33.477

 55, 54.066, 33.477

 85, 54.066, 33.477

 45, 54.066, 33.477

 95, 54.066, 33.477

 35, 54.066, 33.477

 25, 54.066, 33.477

 15, 54.066, 33.477

 5, 54.066, 33.477

 0, 54.066, 33.477

 65, 54.066, 33.477

 65, 54.066, 33.477

 61, 65.713, 35.168

 70, 42.828, 32.175

57, 77.383, 37.194

75, 32.213, 31.209

54, 88.260, 39.283

81, 22.316, 30.516

52, 96.580, 40.671

86, 13.157, 30.030

52, 99.083, 41.100

92, 4.714, 29.642

98, 3.066, 209.812

99, 4.131, 199.304

Harmonies

Complementary

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



65, 54.066, 33.477



85, 34.541, 210.643

Rectangle

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



65, 54.066, 33.477



65, 54.066, 83.477



65, 54.066, 213.477



65, 54.066, 263.477

Sweetspot

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



65, 54.063, 33.480



90, 14.636, 30.075



66, 76.969, 330.529



46, 9.872, 30.163



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, 54.063, 33.480



63, 69.624, 35.397



80, 49.408, 77.762



48, 4.586, 29.784



40, 80.812, 41.345



9, 28.847, 30.900

Inverse Universe

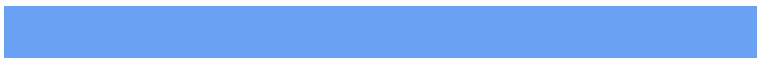
The Inverse Universe completely reimagines the original color for something new.



85, 34.541, 210.643



87, 39.820, 211.574



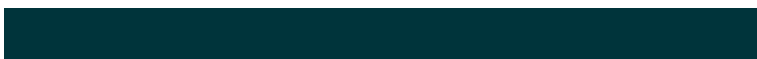
66, 46.591, 276.715



50, 4.311, 209.624



62, 34.977, 216.306



19, 15.716, 213.354

Previews

White Background



This preview shows how the CIELCh color 65, 54.066, 33.477 looks on a white background.

Color Contrast Check

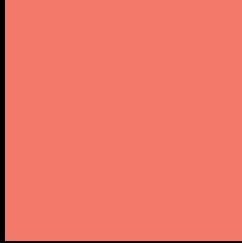
Large Text (above 18pt) WCAG AA × Fail

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, 54.066, 33.477 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, 54.066, 33.477

Background



This preview shows how black text looks on a background with the CIELCh color 65, 54.066, 33.477.

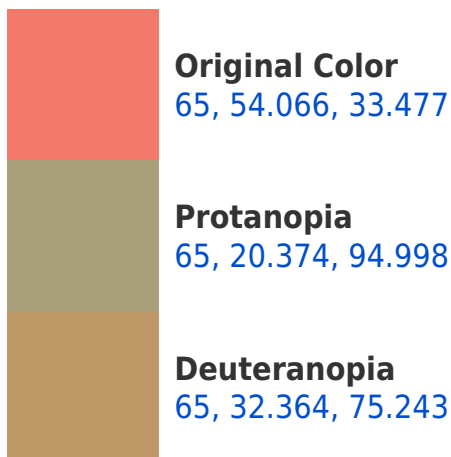


This preview shows how white text looks on a background with the CIELCh color 65, 54.066, 33.477.

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, 52.015, 20.864

Trichromacy



Original Color
65, 54.066, 33.477

Protanomaly
64, 27.315, 55.075

Deuteranomaly
64, 37.272, 53.267

Tritanomaly
65, 52.578, 25.399

Monochromacy



Original Color
65, 54.066, 33.477

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 18.431, 31.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 54.066, 33.477 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(243, 122, 107)` looks like.

```
.text, #text, p{  
    color:rgb(243, 122, 107)  
}
```

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(243, 122, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 122, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 54.066, 33.477 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(243, 122, 107) }
```

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

```
.border{ border-color:rgb(243, 122, 107) }
```

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

Here you see how a box with a 4 pixel rgb(243, 122, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 122, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 122, 107);  
box-shadow:4px 4px 4px 4px rgb(243, 122,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 54.066, 33.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 122, 107) }
```

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

```
.background{ background-color: rgb(243,  
122, 107) }
```

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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