

Converting Colors

CIELCh(64, 54.315, 31.765)

Have a look what the booklet for
CIELCh(64, 54.315, 31.765) contains.

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Color

CIELCh(64, 54.341, 31.499)

Conversions

Conversions Part 1

Format	Color
Hex	F1766B
RGB	241, 118, 107
RGB Percent	95%, 46%, 42%
CMY	0.0541, 0.5365, 0.5797
CMYK	0.00, 0.51, 0.56, 0.05
HSL	5°, 83%, 68%
HSV	5°, 56%, 95%
XYZ	45.5089, 32.8017, 17.8885
YIQ	153.5230, 76.8390, 22.6550

Conversions

Conversions Part 2

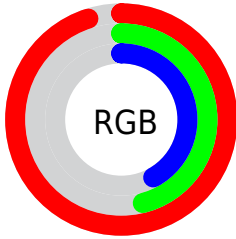
Format	Color
R _Y B	241, 119, 107
Decimal	15824491
CIE Lab	64.00, 46.33, 28.39
CIE LCh	64, 54.341, 31.499
Yxy	32.8017, 0.4731, 0.3410
Android (android.graphics.Color)	4294014571 (0xFFFF1766B)
YUV	153.5230, -22.9358, 76.7173
Hunter-Lab	57.2727, 41.6087, 21.5724

Details

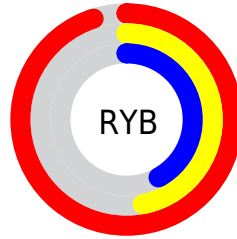
The CIELCh color **64, 54.341, 31.499** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **85, 34.990, 206.840**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 34.593, 35.211**, and **44, 54.445, 31.782** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.978, 33.449**, and if you desaturate by 10%, it is **69, 43.050, 29.987**.

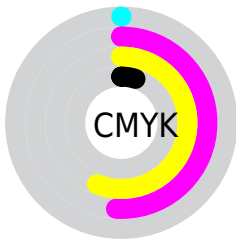
Distribution



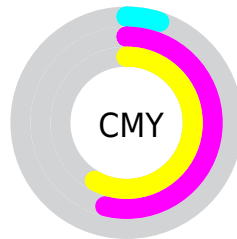
- Red (95%)
- Green (46%)
- Blue (42%)



- Red (95%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (51%)
- Yellow (56%)
- Black (5%)



- Cyan (5%)
- Magenta (54%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 54.341, 31.499 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 64, 54.341, 31.499 by changing the saturation by 10% instead.

 64, 54.341, 31.499

 64, 54.341, 31.499

 100, 54.341,
31.499

 54, 54.341, 31.499

 84, 54.341, 31.499

 44, 54.341, 31.499

 94, 54.341, 31.499

 34, 54.341, 31.499

 24, 54.341, 31.499

 14, 54.341, 31.499

 4, 54.341, 31.499

 0, 54.341, 31.499

 64, 54.341, 31.499

 64, 54.341, 31.499

 60, 65.978, 33.449

 69, 43.050, 29.987

56, 77.567, 35.799

74, 32.340, 28.847

53, 88.319, 38.278

80, 22.325, 28.007

51, 96.518, 40.096

86, 13.043, 27.389

51, 99.120, 40.712

92, 4.477, 26.877

98, 3.418, 206.922

99, 4.752, 199.243

Harmonies

Complementary

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



64, 54.341, 31.499



85, 34.990, 206.840

Rectangle

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



64, 54.341, 31.499



64, 54.341, 81.499



64, 54.341, 211.499



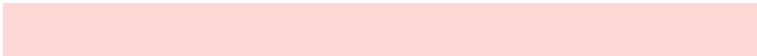
64, 54.341, 261.499

Sweetspot

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



64, 54.338, 31.502



89, 14.989, 27.470



66, 77.781, 329.374



46, 10.110, 27.585



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 54.338, 31.502



62, 70.803, 33.808



78, 48.035, 74.758



47, 4.617, 27.082



39, 80.517, 40.917



9, 28.119, 28.333

Inverse Universe

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



85, 34.990, 206.840



88, 40.755, 207.441



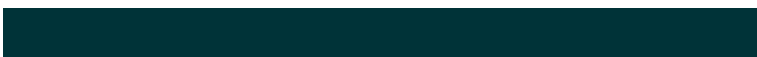
67, 43.841, 273.563



49, 4.341, 206.696



63, 35.403, 210.675



19, 15.629, 208.494

Previews

White Background



This preview shows how the CIELCh color 64, 54.341, 31.499 looks on a white background.

Color Contrast Check

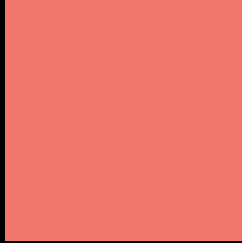
Large Text (above 18pt) WCAG AA × Fail

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 64, 54.341, 31.499 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 64, 54.341, 31.499

Background



This preview shows how black text looks on a background with the CIELCh color 64, 54.341, 31.499.

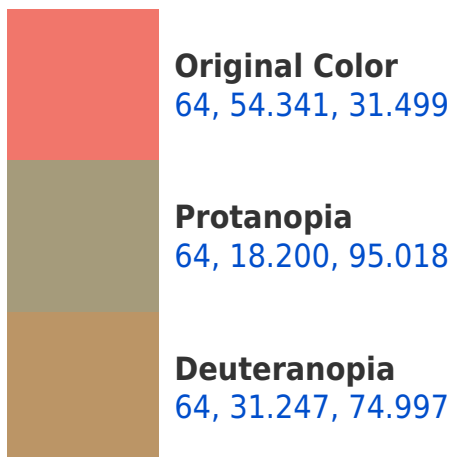


This preview shows how white text looks on a background with the CIELCh color 64, 54.341, 31.499.

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
64, 52.606, 21.091

Trichromacy



Original Color
64, 54.341, 31.499

Protanomaly
63, 26.371, 52.432

Deuteranomaly
64, 36.675, 52.023

Tritanomaly
64, 53.046, 25.011

Monochromacy



Original Color
64, 54.341, 31.499

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 18.658, 27.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 54.341, 31.499 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(241, 118, 107)` looks like.

```
.text, #text, p{  
    color:rgb(241, 118, 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(241, 118, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 118, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 54.341, 31.499 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(241, 118, 107) }
```

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

```
.border{ border-color:rgb(241, 118, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 118, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 118, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 118, 107);  
box-shadow:4px 4px 4px 4px rgb(241, 118,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 54.341, 31.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 118, 107) }
```

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

```
.background{ background-color: rgb(241,  
118, 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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