

Converting Colors

CIELCh(64, 56.133, 35.511)

Have a look what the booklet for
CIELCh(64, 56.133, 35.511) contains.

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Color

CIELCh(64, 56.127, 35.508)

Conversions

Conversions Part 1

Format	Color
Hex	F27764
RGB	242, 119, 100
RGB Percent	95%, 47%, 39%
CMY	0.0529, 0.5349, 0.6093
CMYK	0.00, 0.51, 0.59, 0.05
HSL	8°, 84%, 67%
HSV	8°, 59%, 95%
XYZ	45.2843, 32.8017, 15.9054
YIQ	153.6110, 79.4070, 20.1670

Conversions

Conversions Part 2

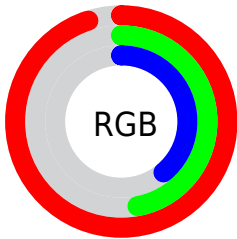
Format	Color
R_{YB}	242, 122, 100
Decimal	15890276
CIE _{Lab}	64.00, 45.69, 32.60
CIE _{LCh}	64, 56.127, 35.508
Yxy	32.8017, 0.4818, 0.3490
Android (android.graphics.Color)	4294080356 (0xFFFF27764)
YUV	153.6110, -26.4302, 77.5172
Hunter-Lab	57.2727, 40.9088, 23.6253

Details

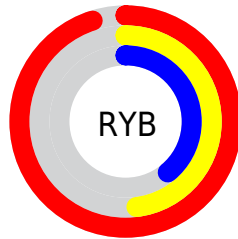
The CIELCh color **64, 56.127, 35.508** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **83, 34.863, 214.200**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 35.992, 41.471**, and **44, 56.227, 35.352** is the 20% darker color. If you saturate the color by 10%, you get **60, 67.714, 37.058**, and if you desaturate by 10%, it is **69, 44.917, 34.304**.

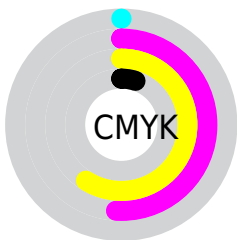
Distribution



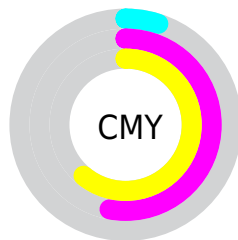
- Red (95%)
- Green (47%)
- Blue (39%)



- Red (95%)
- Yellow (48%)
- Blue (39%)



- Cyan (0%)
- Magenta (51%)
- Yellow (59%)
- Black (5%)



- Cyan (5%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 56.127, 35.508 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, 56.127, 35.508 by changing the saturation by 10% instead.

64, 56.127, 35.508

64, 56.127, 35.508

100, 56.127,
35.508

54, 56.127, 35.508

84, 56.127, 35.508

44, 56.127, 35.508

94, 56.127, 35.508

34, 56.127, 35.508

24, 56.127, 35.508

14, 56.127, 35.508

4, 56.127, 35.508

0, 56.127, 35.508

64, 56.127, 35.508

64, 56.127, 35.508

60, 67.714, 37.058

69, 44.917, 34.304

56, 79.225, 38.855

74, 34.317, 33.418

54, 89.659, 40.531

79, 24.428, 32.799

52, 97.193, 41.380

85, 15.274, 32.387

52, 97.999, 41.512

90, 6.836, 32.104

96, 0.937, 212.774

99, 4.645, 199.253

Harmonies

Complementary

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



64, 56.127, 35.508



83, 34.863, 214.200

Rectangle

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



64, 56.127, 35.508



64, 56.127, 85.508



64, 56.127, 215.508



64, 56.127, 265.508

Sweetspot

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



64, 56.125, 35.511



89, 15.276, 32.364



64, 77.901, 331.898



46, 10.747, 32.464



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, 56.125, 35.511



62, 73.534, 37.484



80, 52.553, 80.305



47, 4.424, 32.124



39, 79.430, 41.808



9, 27.209, 31.241

Inverse Universe

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



83, 34.863, 214.200



85, 40.294, 215.716



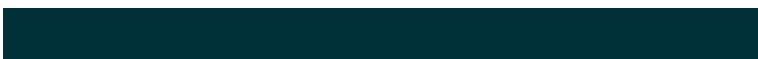
63, 51.159, 280.329



49, 4.160, 212.163



60, 34.209, 221.160



18, 15.069, 217.270

Previews

White Background



This preview shows how the CIELCh color 64, 56.127, 35.508 looks on a white background.

Color Contrast Check

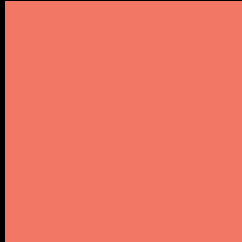
Large Text (above 18pt) WCAG AA × Fail

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, 56.127, 35.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

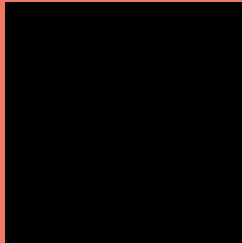
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 56.127, 35.508

Background



This preview shows how black text looks on a background with the CIELCh color 64, 56.127, 35.508.



This preview shows how white text looks on a background with the CIELCh color 64, 56.127, 35.508.

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



Original Color

64, 56.127, 35.508

Protanopia

64, 22.684, 94.813

Deuteranopia

64, 35.131, 76.403



Tritanopia
64, 53.479, 21.312

Trichromacy



Original Color
64, 56.127, 35.508

Protanomaly
63, 29.725, 58.381

Deuteranomaly
63, 39.723, 55.694

Tritanomaly
64, 54.013, 26.778

Monochromacy



Original Color
64, 56.127, 35.508

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 18.965, 31.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 56.127, 35.508 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(242, 119, 100)` looks like.

```
.text, #text, p{  
    color:rgb(242, 119, 100)  
}
```

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(242, 119, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 119, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 56.127, 35.508 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(242, 119, 100) }
```

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

```
.border{ border-color:rgb(242, 119, 100) }
```

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

Here you see how a box with a 4 pixel rgb(242, 119, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 119, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 119, 100);  
box-shadow:4px 4px 4px 4px rgb(242, 119,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 56.127, 35.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 119, 100) }
```

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

```
.background{ background-color: rgb(242,  
119, 100) }
```

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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