

Converting Colors

CIELCh(68, 56.358, 35.610)

Have a look what the booklet for
CIELCh(68, 56.358, 35.610) contains.

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Color

CIELCh(68, 56.358, 35.610)

Conversions

Conversions Part 1

Format	Color
Hex	FE816D
RGB	254, 129, 109
RGB Percent	100%, 51%, 43%
CMY	0.0030, 0.4933, 0.5718
CMYK	0.00, 0.49, 0.57, 0.00
HSL	8°, 99%, 71%
HSV	8°, 57%, 100%
XYZ	51.6002, 37.9720, 19.1279
YIQ	164.0950, 80.9200, 20.2800

Conversions

Conversions Part 2

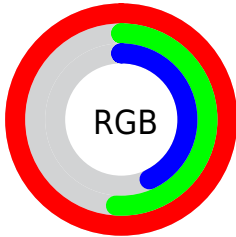
Format	Color
RYB	254, 132, 109
Decimal	16679277
CIELab	68.00, 45.82, 32.82
CIELCh	68, 56.358, 35.610
Yxy	37.9720, 0.4747, 0.3493
Android (android.graphics.Color)	4294869357 (0xFFFE816D)
YUV	164.0950, -27.1618, 78.8467
Hunter-Lab	61.6215, 41.6336, 24.7308

Details

The CIELCh color **68, 56.358, 35.610** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **87, 35.544, 214.677**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 31.624, 43.753**, and **48, 56.184, 35.656** is the 20% darker color. If you saturate the color by 10%, you get **64, 68.383, 37.070**, and if you desaturate by 10%, it is **73, 44.783, 34.492**.

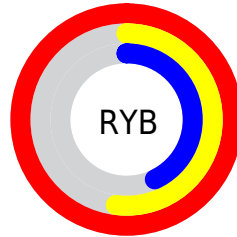
Distribution



Red (100%)

Green (51%)

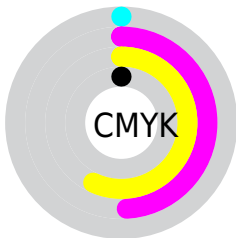
Blue (43%)



Red (100%)

Yellow (52%)

Blue (43%)

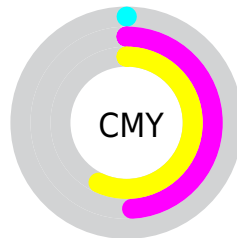


Cyan (0%)

Magenta (49%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 56.358, 35.610 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 68, 56.358, 35.610 by changing the saturation by 10% instead.

68, 56.358, 35.610

68, 56.358, 35.610

100, 56.358,
35.610

58, 56.358, 35.610

88, 56.358, 35.610

48, 56.358, 35.610

98, 56.358, 35.610

38, 56.358, 35.610

28, 56.358, 35.610

18, 56.358, 35.610

8, 56.358, 35.610

0, 56.358, 35.610

68, 56.358, 35.610

68, 56.358, 35.610

64, 68.383, 37.070

73, 44.783, 34.492

60, 80.438, 38.796

78, 33.875, 33.680

57, 91.593, 40.478

84, 23.720, 33.123

55, 99.909, 41.343

90, 14.333, 32.761

54, 101.819,
41.549

95, 5.684, 32.503

100, 0.270,
201.845

Harmonies

Complementary

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



68, 56.358, 35.610



87, 35.544, 214.677

Rectangle

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



68, 56.358, 35.610



68, 56.358, 85.610



68, 56.358, 215.610



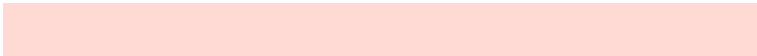
68, 56.358, 265.610

Sweetspot

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



68, 56.355, 35.613



90, 14.320, 32.759



68, 79.274, 331.803



47, 9.660, 32.820



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 56.355, 35.613



63, 69.706, 37.226



84, 53.175, 80.538



50, 4.640, 32.568



41, 81.833, 41.847



11, 30.886, 33.950

Inverse Universe

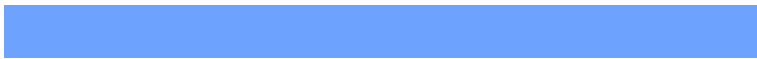
The Inverse Universe completely reimagines the original color for something new.



87, 35.544, 214.677



85, 39.381, 215.984



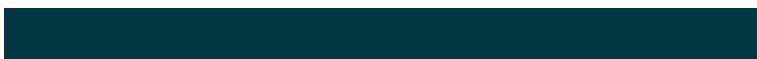
67, 51.729, 279.861



52, 4.362, 212.643



62, 35.207, 222.163



20, 16.310, 218.650

Previews

White Background



This preview shows how the CIELCh color 68, 56.358, 35.610 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 68, 56.358, 35.610 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 68, 56.358, 35.610

Background



This preview shows how black text looks on a background with the CIELCh color 68, 56.358, 35.610.

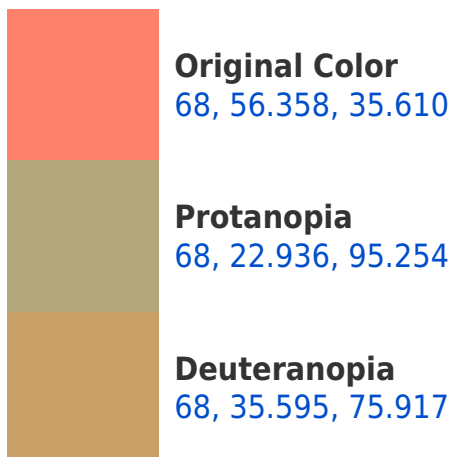


This preview shows how white text looks on a background with the CIELCh color 68, 56.358, 35.610.

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
68, 53.100, 20.317

Trichromacy



Original Color
68, 56.358, 35.610

Protanomaly
67, 29.943, 58.772

Deuteranomaly
68, 40.123, 55.710

Tritanomaly
68, 53.900, 25.842

Monochromacy



Original Color
68, 56.358, 35.610

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 19.219, 32.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 56.358, 35.610 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, 129, 109)` looks like.

```
.text, #text, p{  
    color:rgb(254, 129, 109)  
}
```

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, 129, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 129, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 56.358, 35.610 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, 129, 109) }
```

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

```
.border{ border-color:rgb(254, 129, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 129, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 129, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 129, 109);  
box-shadow:4px 4px 4px 4px rgb(254, 129,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 56.358, 35.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 129, 109) }
```

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

```
.background{ background-color: rgb(254,  
129, 109) }
```

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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