

Converting Colors

CIELCh(83, 96.847, 33.768)

Have a look what the booklet for
CIELCh(83, 96.847, 33.768) contains.

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Color

CIELCh(68, 56.818, 33.632)

Conversions

Conversions Part 1

Format	Color
Hex	FF8070
RGB	255, 128, 112
RGB Percent	100%, 50%, 44%
CMY	0.0000, 0.4989, 0.5619
CMYK	0.00, 0.50, 0.56, 0.00
HSL	7°, 100%, 72%
HSV	7°, 56%, 100%
XYZ	52.1671, 37.9720, 19.8259
YIQ	164.1490, 80.8280, 21.9480

Conversions

Conversions Part 2

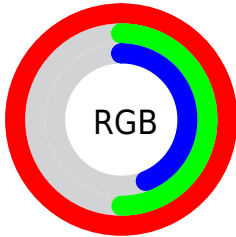
Format	Color
R _Y B	255, 130, 112
Decimal	16744560
CIE Lab	68.00, 47.31, 31.47
CIE LCh	68, 56.818, 33.632
Yxy	37.9720, 0.4744, 0.3453
Android (android.graphics.Color)	4294934640 (0xFFFF8070)
YUV	164.1490, -25.7095, 79.6763
Hunter-Lab	61.6215, 43.2758, 24.0592

Details

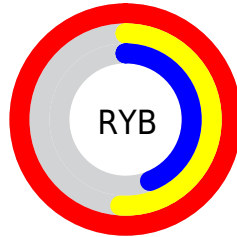
The CIELCh color **68, 56.818, 33.632** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **88, 35.927, 210.914**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 31.043, 40.183**, and **48, 56.060, 33.700** is the 20% darker color. If you saturate the color by 10%, you get **63, 68.561, 35.347**, and if you desaturate by 10%, it is **73, 44.751, 32.351**.

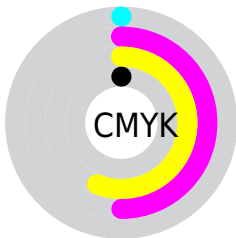
Distribution



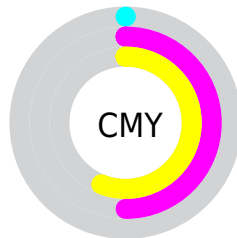
- Red (100%)
- Green (50%)
- Blue (44%)



- Red (100%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 56.818, 33.632 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, 56.818, 33.632 by changing the saturation by 10% instead.

 68, 56.818, 33.632

 68, 56.818, 33.632

 100, 56.818,
33.632

 58, 56.818, 33.632

 88, 56.818, 33.632

 48, 56.818, 33.632

 98, 56.818, 33.632

 38, 56.818, 33.632

 28, 56.818, 33.632

 18, 56.818, 33.632

 8, 56.818, 33.632

 0, 56.818, 33.632

 68, 56.818, 33.632

 68, 56.818, 33.632

 63, 68.561, 35.347

 73, 44.751, 32.351

■ 60, 80.683, 37.368

■ 78, 33.703, 31.384

■ 57, 91.930, 39.428

■ 84, 23.402, 30.693

■ 55, 100.407,
40.736

■ 90, 13.871, 30.210

■ 96, 5.086, 29.830

■ 54, 102.770,
41.092

■ 100, 0.012,
296.813

Harmonies

Complementary

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



68, 56.818, 33.632



88, 35.927, 210.914

Rectangle

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



68, 56.818, 33.632



68, 56.818, 83.632



68, 56.818, 213.632



68, 56.818, 263.632

Sweetspot

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



68, 56.444, 33.659



90, 14.614, 30.243



69, 80.260, 330.549



46, 9.858, 30.329



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, 56.444, 33.659



63, 69.551, 35.501



83, 51.596, 77.707



50, 4.736, 29.959



41, 82.452, 41.347



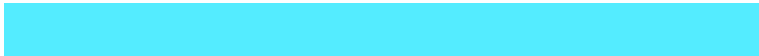
11, 31.290, 32.672

Inverse Universe

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



88, 35.927, 210.914



87, 39.768, 211.841



69, 48.647, 276.828



52, 4.451, 209.812



64, 35.643, 216.712



21, 16.553, 213.967

Previews

White Background



This preview shows how the CIELCh color 68, 56.818, 33.632 looks on a white background.

Color Contrast Check

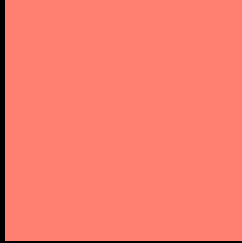
Large Text (above 18pt) WCAG AA × Fail

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, 56.818, 33.632 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, 56.818, 33.632

Background



This preview shows how black text looks on a background with the CIELCh color 68, 56.818, 33.632.

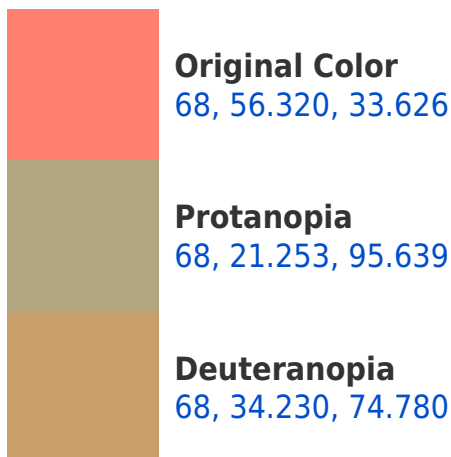


This preview shows how white text looks on a background with the CIELCh color 68, 56.818, 33.632.

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, 53.202, 20.890

Trichromacy



Original Color
68, 56.320, 33.626

Protanomaly
67, 28.467, 55.799

Deuteranomaly
67, 39.445, 53.755

Tritanomaly
68, 53.900, 25.842

Monochromacy



Original Color
68, 56.320, 33.626

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 19.063, 30.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 56.818, 33.632 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(255, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 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(255, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 56.818, 33.632 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(255, 128, 112) }
```

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

```
.border{ border-color:rgb(255, 128, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 56.818, 33.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 112) }
```

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

```
.background{ background-color: rgb(255,  
128, 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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