

Converting Colors

CIELCh(75, 73.915, 32.400)

Have a look what the booklet for
CIELCh(75, 73.915, 32.400) contains.

CIELCh(68, 54.876, 32.612)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 54.876, 32.612)

Conversions

Conversions Part 1

Format	Color
Hex	FE8173
RGB	254, 129, 115
RGB Percent	100%, 51%, 45%
CMY	0.0046, 0.4942, 0.5488
CMYK	0.00, 0.49, 0.55, 0.00
HSL	6°, 98%, 72%
HSV	6°, 55%, 100%
XYZ	51.7541, 37.9720, 20.8362
YIQ	164.7790, 78.9940, 22.1460

Conversions

Conversions Part 2

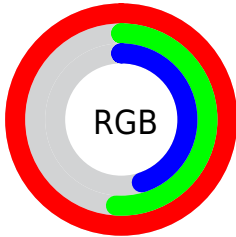
Format	Color
R_{YB}	254, 131, 115
Decimal	16679283
CIE _{Lab}	68.00, 46.22, 29.58
CIE _{LCh}	68, 54.876, 32.612
Yxy	37.9720, 0.4681, 0.3434
Android (android.graphics.Color)	4294869363 (0xFFFE8173)
YUV	164.7790, -24.5410, 78.2468
Hunter-Lab	61.6215, 42.0795, 23.0871

Details

The CIELCh color **68, 54.876, 32.612** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **88, 35.489, 209.220**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.149, 38.642**, and **48, 55.017, 32.584** is the 20% darker color. If you saturate the color by 10%, you get **63, 66.939, 34.359**, and if you desaturate by 10%, it is **73, 43.247, 31.271**.

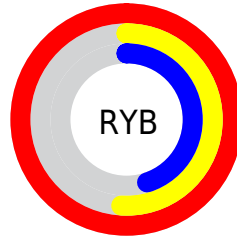
Distribution



Red (100%)

Green (51%)

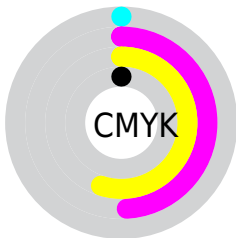
Blue (45%)



Red (100%)

Yellow (51%)

Blue (45%)

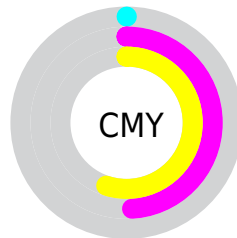


Cyan (0%)

Magenta (49%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 54.876, 32.612 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, 54.876, 32.612 by changing the saturation by 10% instead.

 68, 54.876, 32.612

 68, 54.876, 32.612

 100, 54.876,
32.612

 58, 54.876, 32.612

 88, 54.876, 32.612

 48, 54.876, 32.612

 98, 54.876, 32.612

 38, 54.876, 32.612

 28, 54.876, 32.612

 18, 54.876, 32.612

 8, 54.876, 32.612

 0, 54.876, 32.612

 68, 54.876, 32.612

 68, 54.876, 32.612

 63, 66.939, 34.359

 73, 43.247, 31.271

60, 79.054, 36.476

79, 32.268, 30.273

57, 90.443, 38.723

84, 22.033, 29.552

54, 99.398, 40.378

90, 12.566, 29.036

54, 102.685,
40.920

97, 3.839, 28.588

100, 0.408,
201.003

Harmonies

Complementary

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



68, 54.876, 32.612



88, 35.489, 209.220

Rectangle

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



68, 54.876, 32.612



68, 54.876, 82.612



68, 54.876, 212.612



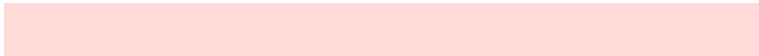
68, 54.876, 262.612

Sweetspot

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



68, 54.873, 32.615



90, 13.830, 29.096



69, 78.169, 330.465



47, 9.418, 29.193



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, 54.873, 32.615



63, 68.815, 34.623



83, 49.953, 77.935



50, 4.783, 28.818



41, 82.700, 41.151



11, 31.481, 32.097

Inverse Universe

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



88, 35.489, 209.220



87, 39.823, 210.006



69, 47.129, 276.367



52, 4.495, 208.574



64, 35.932, 214.328



21, 16.693, 211.920

Previews

White Background



This preview shows how the CIELCh color 68, 54.876, 32.612 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, 54.876, 32.612 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, 54.876, 32.612

Background



This preview shows how black text looks on a background with the CIELCh color 68, 54.876, 32.612.

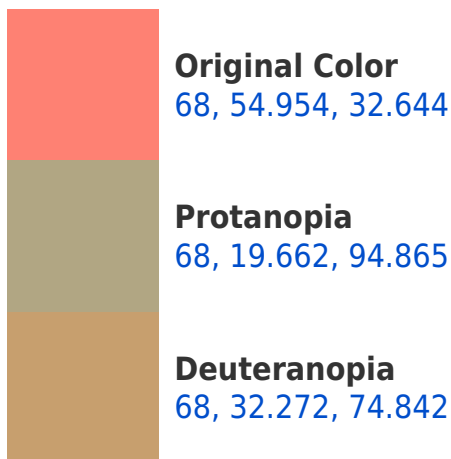


This preview shows how white text looks on a background with the CIELCh color 68, 54.876, 32.612.

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, 54.954, 32.644

Protanomaly
67, 27.331, 54.682

Deuteranomaly
68, 37.539, 52.691

Tritanomaly
68, 53.601, 24.736

Monochromacy



Original Color
68, 54.954, 32.644

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 18.482, 29.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 54.876, 32.612 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(254, 129, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 129, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 54.876, 32.612 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, 115) }
```

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

```
.border{ border-color:rgb(254, 129, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 129, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 129, 115);  
box-shadow:4px 4px 4px 4px rgb(254, 129,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 54.876, 32.612 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, 115) }
```

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

```
.background{ background-color: rgb(254,  
129, 115) }
```

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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