

Converting Colors

CIELCh(84, 95.451, 33.929)

Have a look what the booklet for
CIELCh(84, 95.451, 33.929) contains.

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Color

CIELCh(69, 54.533, 35.152)

Conversions

Conversions Part 1

Format	Color
Hex	FF8572
RGB	255, 133, 114
RGB Percent	100%, 52%, 45%
CMY	0.0000, 0.4777, 0.5523
CMYK	0.00, 0.48, 0.55, 0.00
HSL	8°, 100%, 72%
HSV	8°, 55%, 100%
XYZ	52.7775, 39.3444, 20.7832
YIQ	167.3120, 78.8110, 19.9550

Conversions

Conversions Part 2

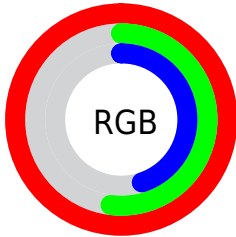
Format	Color
R_{YB}	255, 136, 114
Decimal	16745842
CIE _{Lab}	69.00, 44.59, 31.40
CIE _{LCh}	69, 54.533, 35.152
Yxy	39.3444, 0.4675, 0.3485
Android (android.graphics.Color)	4294935922 (0xFFFF8572)
YUV	167.3120, -26.2828, 76.9024
Hunter-Lab	62.7251, 40.4228, 24.2625

Details

The CIELCh color **69, 54.533, 35.152** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **87, 34.953, 214.072**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 29.665, 44.020**, and **49, 54.638, 34.945** is the 20% darker color. If you saturate the color by 10%, you get **64, 66.452, 36.592**, and if you desaturate by 10%, it is **74, 42.934, 34.079**.

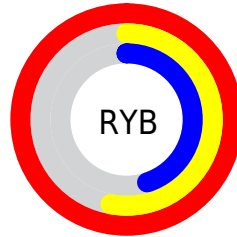
Distribution



Red (100%)

Green (52%)

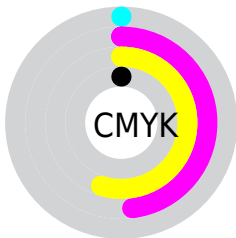
Blue (45%)



Red (100%)

Yellow (53%)

Blue (45%)

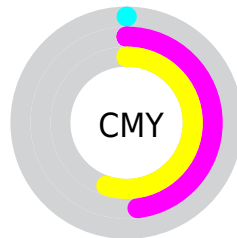


Cyan (0%)

Magenta (48%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 54.533, 35.152 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 69, 54.533, 35.152 by changing the saturation by 10% instead.

 69, 54.533, 35.152

 69, 54.533, 35.152

 100, 54.533,
35.152

 59, 54.533, 35.152

 89, 54.533, 35.152

 49, 54.533, 35.152

 99, 54.533, 35.152

 39, 54.533, 35.152

 29, 54.533, 35.152

 19, 54.533, 35.152

 9, 54.533, 35.152

 0, 54.533, 35.152

 69, 54.533, 35.152

 69, 54.533, 35.152

 64, 66.452, 36.592

 74, 42.934, 34.079

61, 78.584, 38.317

79, 32.112, 33.298

57, 90.034, 40.089

85, 22.052, 32.763

55, 99.046, 41.208

91, 12.759, 32.413

54, 102.147,
41.489

97, 4.200, 32.130

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.



69, 54.533, 35.152



87, 34.953, 214.072

Rectangle

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



69, 54.533, 35.152



69, 54.533, 85.152



69, 54.533, 215.152



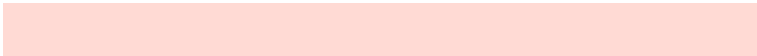
69, 54.533, 265.152

Sweetspot

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



69, 54.443, 35.165



90, 14.352, 32.465



69, 77.370, 331.692



47, 9.682, 32.528



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 54.443, 35.165



64, 67.393, 36.716



85, 51.562, 80.812



50, 4.651, 32.263



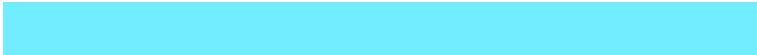
41, 81.909, 41.785



11, 30.931, 33.803

Inverse Universe

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



87, 34.953, 214.072



86, 38.857, 215.248



68, 50.131, 279.319



52, 4.372, 212.311



62, 35.242, 221.527



20, 16.333, 218.102

Previews

White Background



This preview shows how the CIELCh color 69, 54.533, 35.152 looks on a white background.

Color Contrast Check

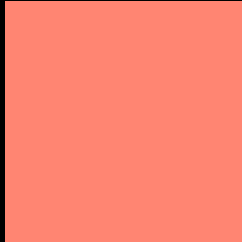
Large Text (above 18pt) WCAG AA × Fail

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 69, 54.533, 35.152 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 69, 54.533, 35.152

Background



This preview shows how black text looks on a background with the CIELCh color 69, 54.533, 35.152.

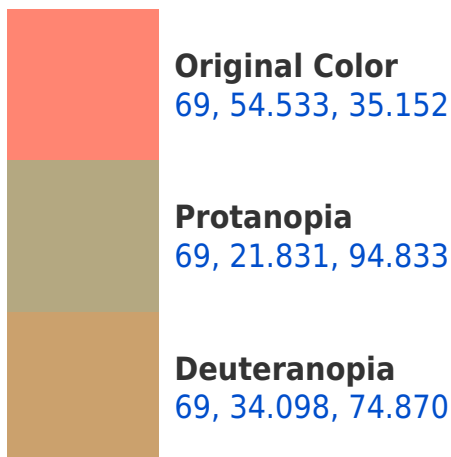


This preview shows how white text looks on a background with the CIELCh color 69, 54.533, 35.152.

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
69, 50.801, 19.667

Trichromacy



Original Color
69, 54.533, 35.152

Protanomaly
68, 28.352, 57.109

Deuteranomaly
69, 38.815, 55.022

Tritanomaly
69, 51.506, 25.459

Monochromacy



Original Color
69, 54.533, 35.152

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 18.290, 32.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 54.533, 35.152 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, 133, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 114)  
}
```

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, 133, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 54.533, 35.152 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, 133, 114) }
```

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

```
.border{ border-color:rgb(255, 133, 114) }
```

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

Here you see how a box with a 4 pixel rgb(255, 133, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 54.533, 35.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 114) }
```

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

```
.background{ background-color: rgb(255,  
133, 114) }
```

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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