

Converting Colors

CIELCh(69, 55.996, 36.482)

Have a look what the booklet for
CIELCh(69, 55.996, 36.482) contains.

CIELCh(69, 55.273, 36.625)	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(69, 55.273, 36.625)

Conversions

Conversions Part 1

Format	Color
Hex	FF856F
RGB	255, 133, 111
RGB Percent	100%, 52%, 44%
CMY	0.0000, 0.4772, 0.5636
CMYK	0.00, 0.48, 0.56, 0.00
HSL	9°, 100%, 72%
HSV	9°, 56%, 100%
XYZ	52.6898, 39.3444, 19.9409
YIQ	166.9700, 79.7740, 19.0220

Conversions

Conversions Part 2

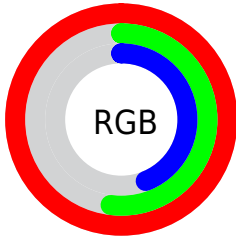
Format	Color
R _Y B	255, 137, 111
Decimal	16745839
CIE Lab	69.00, 44.36, 32.97
CIE LCh	69, 55.273, 36.625
Yxy	39.3444, 0.4705, 0.3514
Android (android.graphics.Color)	4294935919 (0xFFFF856F)
YUV	166.9700, -27.5932, 77.2023
Hunter-Lab	62.7251, 40.1730, 25.0588

Details

The CIELCh color **69, 55.273, 36.625** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **86, 35.034, 216.844**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 30.494, 46.531**, and **49, 55.036, 36.490** is the 20% darker color. If you saturate the color by 10%, you get **65, 67.096, 37.932**, and if you desaturate by 10%, it is **74, 43.646, 35.678**.

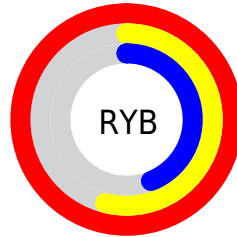
Distribution



Red (100%)

Green (52%)

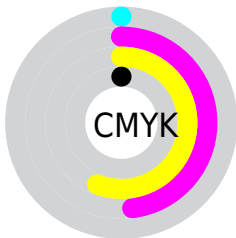
Blue (44%)



Red (100%)

Yellow (54%)

Blue (44%)

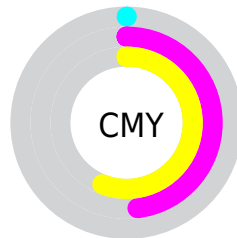


Cyan (0%)

Magenta (48%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 55.273, 36.625 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, 55.273, 36.625 by changing the saturation by 10% instead.

69, 55.273, 36.625

69, 55.273, 36.625

100, 55.273,
36.625

59, 55.273, 36.625

89, 55.273, 36.625

49, 55.273, 36.625

99, 55.273, 36.625

39, 55.273, 36.625

29, 55.273, 36.625

19, 55.273, 36.625

9, 55.273, 36.625

0, 55.273, 36.625

69, 55.273, 36.625

69, 55.273, 36.625

65, 67.096, 37.932

74, 43.646, 35.678

61, 79.178, 39.464

79, 32.862, 34.993

58, 90.490, 40.963

85, 22.840, 34.544

55, 99.167, 41.699

90, 13.586, 34.274

55, 101.583,
41.858

96, 5.062, 34.087

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, 55.273, 36.625



86, 35.034, 216.844

Rectangle

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



69, 55.273, 36.625



69, 55.273, 86.625



69, 55.273, 216.625



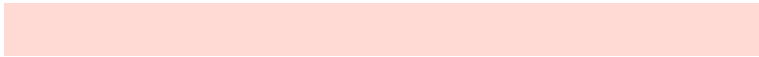
69, 55.273, 266.625

Sweetspot

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



69, 55.119, 36.650



90, 14.160, 34.287



68, 77.798, 332.388



47, 9.552, 34.332



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, 55.119, 36.650



64, 69.092, 38.171



85, 53.137, 82.080



50, 4.589, 34.151



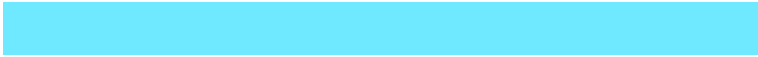
41, 81.426, 42.186



11, 30.660, 34.701

Inverse Universe

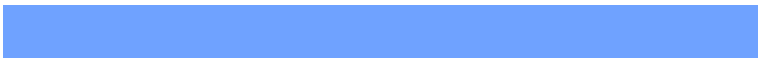
The Inverse Universe completely reimagines the original color for something new.



86, 35.034, 216.844



84, 39.067, 218.434



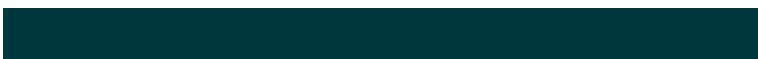
67, 52.439, 280.955



52, 4.315, 214.361



61, 35.088, 225.450



20, 16.214, 221.484

Previews

White Background



This preview shows how the CIELCh color 69, 55.273, 36.625 looks on a white background.

Color Contrast Check

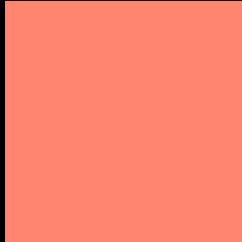
Large Text (above 18pt) WCAG AA × Fail

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, 55.273, 36.625 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, 55.273, 36.625

Background



This preview shows how black text looks on a background with the CIELCh color 69, 55.273, 36.625.



This preview shows how white text looks on a background with the CIELCh color 69, 55.273, 36.625.

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

69, 55.273, 36.625

Protanopia

69, 23.511, 94.505

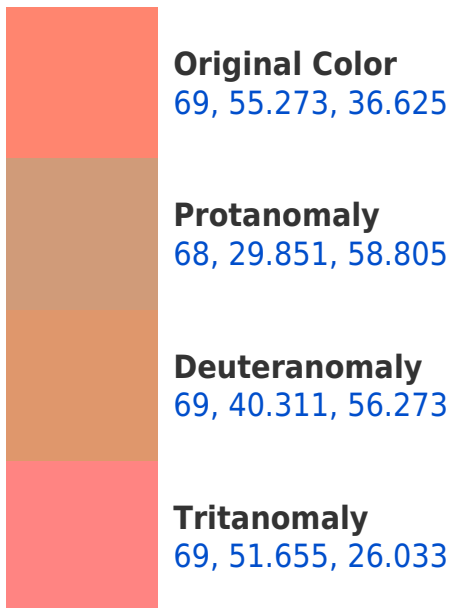
Deuteranopia

69, 35.753, 75.393

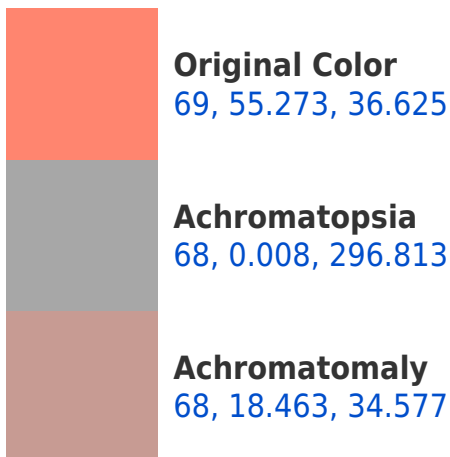


Tritanopia
69, 50.801, 19.667

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 55.273, 36.625 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 55.273, 36.625 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, 111) }
```

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

```
.border{ border-color:rgb(255, 133, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 55.273, 36.625 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, 111) }
```

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

```
.background{ background-color: rgb(255,  
133, 111) }
```

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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