

Converting Colors

CIELCh(68, 55.971, 39.084)

Have a look what the booklet for
CIELCh(68, 55.971, 39.084) contains.

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Color

CIELCh(68, 56.076, 38.631)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC8369 |
| RGB | 252, 131, 105 |
| RGB Percent | 99%, 51%, 41% |
| CMY | 0.0115, 0.4861, 0.5881 |
| CMYK | 0.00, 0.48, 0.58, 0.01 |
| HSL | 11°, 96%, 70% |
| HSV | 11°, 58%, 99% |
| XYZ | 50.8398, 37.9720, 18.0262 |
| YIQ | 164.2150, 80.4620, 17.5660 |

Conversions

Conversions Part 2

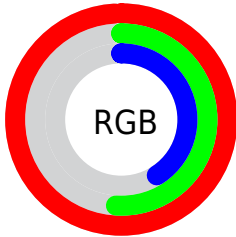
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 252, 137, 105 |
| Decimal | 16548713 |
| CIE Lab | 68.00, 43.81, 35.01 |
| CIE LCh | 68, 56.076, 38.631 |
| Yxy | 37.9720, 0.4759, 0.3554 |
| Android (android.graphics.Color) | 4294738793 (0xFFFC8369) |
| YUV | 164.2150, -29.1930, 76.9874 |
| Hunter-Lab | 61.6215, 39.4311, 25.7908 |

Details

The CIELCh color **68, 56.076, 38.631** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 35.099, 220.676**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 32.513, 48.976**, and **48, 55.983, 38.573** is the 20% darker color. If you saturate the color by 10%, you get **64, 67.903, 39.730**, and if you desaturate by 10%, it is **73, 44.722, 37.807**.

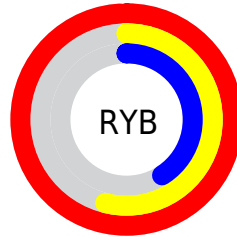
Distribution



Red (99%)

Green (51%)

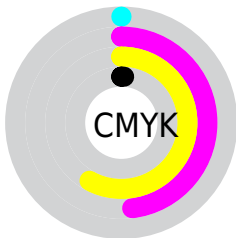
Blue (41%)



Red (99%)

Yellow (54%)

Blue (41%)

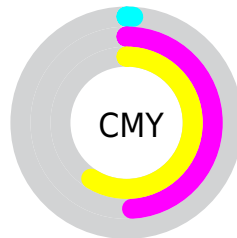


Cyan (0%)

Magenta (48%)

Yellow (58%)

Black (1%)



Cyan (1%)

Magenta (49%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 56.076, 38.631 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, 56.076, 38.631 by changing the saturation by 10% instead.

68, 56.076, 38.631

68, 56.076, 38.631

100, 56.076,
38.631

58, 56.076, 38.631

88, 56.076, 38.631

48, 56.076, 38.631

98, 56.076, 38.631

38, 56.076, 38.631

28, 56.076, 38.631

18, 56.076, 38.631

8, 56.076, 38.631

0, 56.076, 38.631

68, 56.076, 38.631

68, 56.076, 38.631

64, 67.903, 39.730

73, 44.722, 37.807

60, 79.766, 41.002

78, 34.048, 37.243

57, 90.663, 42.107

83, 24.126, 36.902

55, 98.719, 42.365

89, 14.961, 36.734

55, 99.864, 42.423

94, 6.517, 36.666

100, 1.023,
199.988

Harmonies

Complementary

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



68, 56.076, 38.631



84, 35.099, 220.676

Rectangle

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



68, 56.076, 38.631



68, 56.076, 88.631



68, 56.076, 218.631



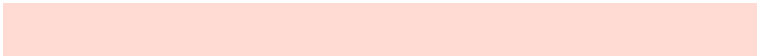
68, 56.076, 268.631

Sweetspot

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



68, 56.074, 38.634



90, 13.933, 36.722



67, 78.368, 333.165



47, 9.399, 36.741



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, 56.074, 38.634



64, 70.576, 39.941



84, 55.017, 83.198



49, 4.441, 36.674



41, 79.907, 42.801



11, 29.069, 35.237

Inverse Universe

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



84, 35.099, 220.676



83, 39.278, 222.717



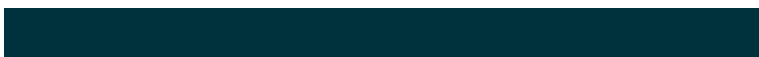
64, 55.170, 282.773



51, 4.180, 217.096



59, 34.765, 230.578



19, 15.715, 225.713

Previews

White Background



This preview shows how the CIELCh color 68, 56.076, 38.631 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, 56.076, 38.631 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, 56.076, 38.631

Background



This preview shows how black text looks on a background with the CIELCh color 68, 56.076, 38.631.



This preview shows how white text looks on a background with the CIELCh color 68, 56.076, 38.631.

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, 52.238, 20.099

Trichromacy



Original Color
68, 56.076, 38.631

Protanomaly
67, 31.948, 62.021

Deuteranomaly
68, 41.626, 58.549

Tritanomaly
68, 52.912, 26.807

Monochromacy



Original Color
68, 56.076, 38.631

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 18.733, 36.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 56.076, 38.631 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(252, 131, 105)` looks like.

```
.text, #text, p{  
    color:rgb(252, 131, 105)  
}
```

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(252, 131, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 131, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 56.076, 38.631 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(252, 131, 105) }
```

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

```
.border{ border-color:rgb(252, 131, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 131, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 131, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 131, 105);  
box-shadow:4px 4px 4px 4px rgb(252, 131,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 56.076, 38.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 131, 105) }
```

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

```
.background{ background-color: rgb(252,  
131, 105) }
```

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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