

Converting Colors

CIELCh(72, 54.342, 50.911)

Have a look what the booklet for
CIELCh(72, 54.342, 50.911) contains.

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Color

CIELCh(72, 54.310, 50.876)

Conversions

Conversions Part 1

Format	Color
Hex	FD9665
RGB	253, 150, 101
RGB Percent	99%, 59%, 40%
CMY	0.0076, 0.4116, 0.6038
CMYK	0.00, 0.41, 0.60, 0.01
HSL	19°, 97%, 69%
HSV	19°, 60%, 99%
XYZ	53.7907, 43.6590, 17.9143
YIQ	175.2110, 77.1170, 6.5970

Conversions

Conversions Part 2

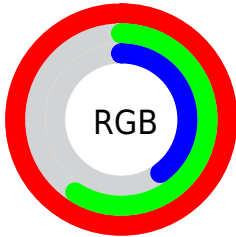
Format	Color
R _Y B	253, 173, 101
Decimal	16619109
CIE Lab	72.00, 34.27, 42.13
CIE LCh	72, 54.310, 50.876
Yxy	43.6590, 0.4663, 0.3784
Android (android.graphics.Color)	4294809189 (0xFFFD9665)
YUV	175.2110, -36.5860, 68.2210
Hunter-Lab	66.0750, 29.6830, 30.1777

Details

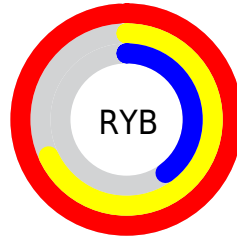
The CIELCh color **72, 54.310, 50.876** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **78, 36.683, 244.233**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 34.380, 71.369**, and **52, 54.462, 51.041** is the 20% darker color. If you saturate the color by 10%, you get **68, 65.360, 50.593**, and if you desaturate by 10%, it is **76, 43.675, 51.227**.

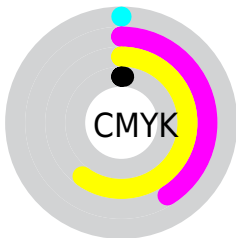
Distribution



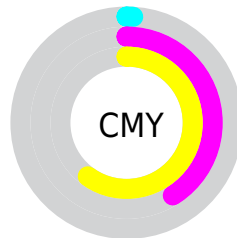
- Red (99%)
- Green (59%)
- Blue (40%)



- Red (99%)
- Yellow (68%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (60%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 54.310, 50.876 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 72, 54.310, 50.876 by changing the saturation by 10% instead.

72, 54.310, 50.876

72, 54.310, 50.876

100, 54.310,
50.876

62, 54.310, 50.876

92, 54.310, 50.876

52, 54.310, 50.876

42, 54.310, 50.876

32, 54.310, 50.876

22, 54.310, 50.876

12, 54.310, 50.876

2, 54.310, 50.876

0, 54.310, 50.876

72, 54.310, 50.876

72, 54.310, 50.876

68, 65.360, 50.593

76, 43.675, 51.227

65, 76.342, 50.227

81, 33.655, 51.673

61, 86.195, 49.440

85, 24.306, 52.219

59, 93.533, 47.879

90, 15.618, 52.844

94, 7.550, 53.508

99, 0.047, 41.613

100, 0.678,
200.340

Harmonies

Complementary

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



72, 54.310, 50.876



78, 36.683, 244.233

Rectangle

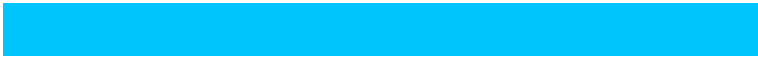
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 54.310, 50.876



72, 54.310, 100.876



72, 54.310, 230.876



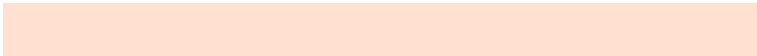
72, 54.310, 280.876

Sweetspot

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



72, 54.308, 50.880



91, 13.985, 52.980



65, 72.949, 340.099



47, 9.825, 52.789



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 54.308, 50.880



68, 67.933, 50.535



90, 62.939, 94.226



51, 4.280, 53.545



45, 75.303, 48.464



13, 28.270, 45.559

Inverse Universe

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



78, 36.683, 244.233



75, 41.951, 248.260



58, 70.345, 292.344



51, 4.076, 235.238



51, 40.991, 260.314



16, 17.718, 253.135

Previews

White Background



This preview shows how the CIELCh color 72, 54.310, 50.876 looks on a white background.

Color Contrast Check

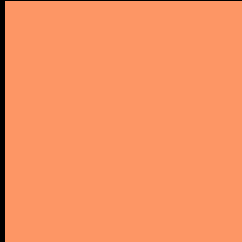
Large Text (above 18pt) WCAG AA × Fail

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 72, 54.310, 50.876 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 72, 54.310, 50.876

Background



This preview shows how black text looks on a background with the CIELCh color 72, 54.310, 50.876.

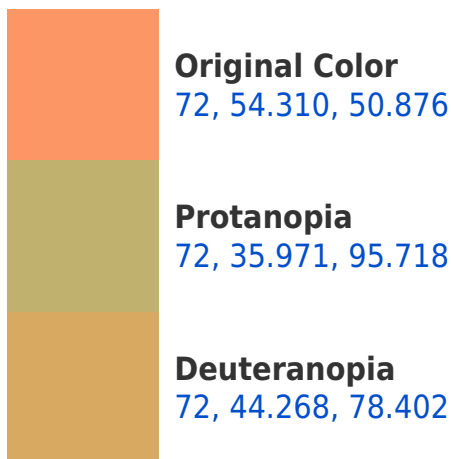


This preview shows how white text looks on a background with the CIELCh color 72, 54.310, 50.876.

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](#).

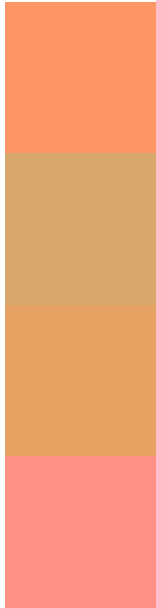
Dichromacy





Tritanopia
72, 44.824, 17.299

Trichromacy



Original Color
72, 54.310, 50.876

Protanomaly
72, 39.058, 74.525

Deuteranomaly
72, 46.483, 67.070

Tritanomaly
72, 46.030, 30.931

Monochromacy



Original Color
72, 54.310, 50.876

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 18.068, 52.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 54.310, 50.876 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(253, 150, 101)` looks like.

```
.text, #text, p{  
    color:rgb(253, 150, 101)  
}
```

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(253, 150, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 150, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 54.310, 50.876 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(253, 150, 101) }
```

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

```
.border{ border-color:rgb(253, 150, 101) }
```

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

Here you see how a box with a 4 pixel rgb(253, 150, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 150, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 150, 101);  
box-shadow:4px 4px 4px 4px rgb(253, 150,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 54.310, 50.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 150, 101) }
```

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

```
.background{ background-color: rgb(253,  
150, 101) }
```

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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