

Converting Colors

CIELCh(72, 58.462, 54.210)

Have a look what the booklet for
CIELCh(72, 58.462, 54.210) contains.

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Color

CIELCh(72, 58.251, 54.275)

Conversions

Conversions Part 1

Format	Color
Hex	FE965B
RGB	254, 150, 91
RGB Percent	100%, 59%, 36%
CMY	0.0038, 0.4116, 0.6430
CMYK	0.00, 0.41, 0.64, 0.00
HSL	22°, 99%, 68%
HSV	22°, 64%, 100%
XYZ	53.6904, 43.6590, 15.5024
YIQ	174.3700, 80.9230, 3.6990

Conversions

Conversions Part 2

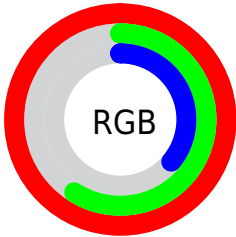
Format	Color
R_{YB}	254, 183, 91
Decimal	16684635
CIE _{Lab}	72.00, 34.01, 47.29
CIE _{LCh}	72, 58.251, 54.275
Yxy	43.6590, 0.4758, 0.3869
Android (android.graphics.Color)	4294874715 (0xFFFE965B)
YUV	174.3700, -41.1014, 69.8355
Hunter-Lab	66.0750, 29.4121, 32.3419

Details

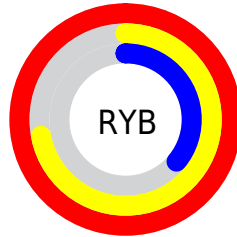
The CIELCh color **72, 58.251, 54.275** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **75, 39.999, 251.622**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 38.807, 75.153**, and **52, 58.014, 54.355** is the 20% darker color. If you saturate the color by 10%, you get **68, 69.070, 53.639**, and if you desaturate by 10%, it is **76, 47.630, 54.893**.

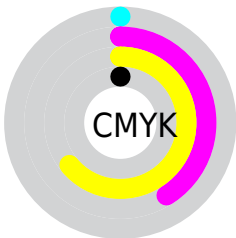
Distribution



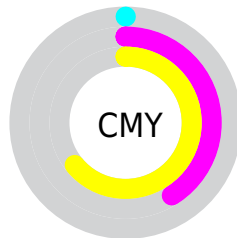
- Red (100%)
- Green (59%)
- Blue (36%)



- Red (100%)
- Yellow (72%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 58.251, 54.275 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, 58.251, 54.275 by changing the saturation by 10% instead.

72, 58.251, 54.275

72, 58.251, 54.275

100, 58.251,
54.275

62, 58.251, 54.275

92, 58.251, 54.275

52, 58.251, 54.275

42, 58.251, 54.275

32, 58.251, 54.275

22, 58.251, 54.275

12, 58.251, 54.275

2, 58.251, 54.275

0, 58.251, 54.275

72, 58.251, 54.275

72, 58.251, 54.275

68, 69.070, 53.639

76, 47.630, 54.893

65, 79.402, 52.770

80, 37.509, 55.559

62, 87.919, 51.239

84, 27.996, 56.295

61, 91.763, 50.025

89, 19.107, 57.092

93, 10.814, 57.928

98, 3.070, 58.690

100, 0.333,
201.376

Harmonies

Complementary

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



72, 58.251, 54.275



75, 39.999, 251.622

Rectangle

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



72, 58.251, 54.275



72, 58.251, 104.275



72, 58.251, 234.275



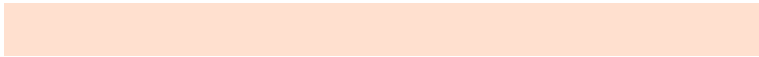
72, 58.251, 284.275

Sweetspot

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



72, 58.249, 54.279



91, 14.797, 57.521



64, 75.346, 342.377



47, 10.287, 57.282



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, 58.249, 54.279



68, 72.315, 53.429



91, 68.597, 95.909



51, 4.284, 58.314



46, 73.672, 50.663



14, 27.818, 48.835

Inverse Universe

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



75, 39.999, 251.622



71, 45.964, 256.603



54, 79.271, 295.035



51, 4.102, 240.285



49, 44.097, 266.891



15, 18.730, 259.620

Previews

White Background



This preview shows how the CIELCh color 72, 58.251, 54.275 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, 58.251, 54.275 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, 58.251, 54.275

Background



This preview shows how black text looks on a background with the CIELCh color 72, 58.251, 54.275.



This preview shows how white text looks on a background with the CIELCh color 72, 58.251, 54.275.

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

72, 58.251, 54.275

Protanopia

72, 41.584, 95.905

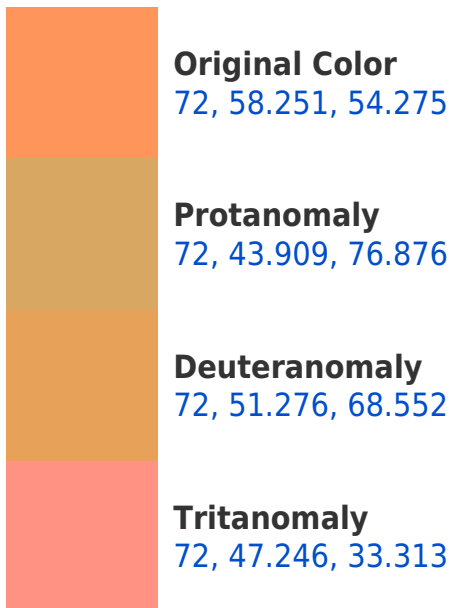
Deuteranopia

72, 49.108, 78.834

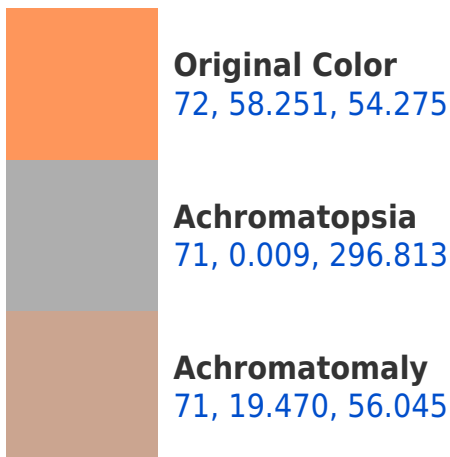


Tritanopia
72, 44.824, 17.299

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 58.251, 54.275 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, 150, 91)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 91)  
}
```

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, 150, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 58.251, 54.275 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, 150, 91) }
```

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

```
.border{ border-color:rgb(254, 150, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 150, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 91);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 58.251, 54.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 150, 91) }
```

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

```
.background{ background-color: rgb(254,  
150, 91) }
```

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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