

Converting Colors

CIELCh(71, 57.665, 55.737)

Have a look what the booklet for
CIELCh(71, 57.665, 55.737) contains.

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Color

CIELCh(71, 57.575, 55.785)

Conversions

Conversions Part 1

Format	Color
Hex	F99558
RGB	249, 149, 88
RGB Percent	98%, 58%, 35%
CMY	0.0248, 0.4167, 0.6559
CMYK	0.00, 0.40, 0.65, 0.02
HSL	23°, 93%, 66%
HSV	23°, 65%, 98%
XYZ	51.4055, 42.1875, 14.6095
YIQ	171.9460, 79.1810, 2.2290

Conversions

Conversions Part 2

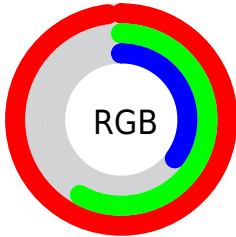
Format	Color
R_{YB}	249, 186, 88
Decimal	16356696
CIE _{Lab}	71.00, 32.37, 47.61
CIE _{LCh}	71, 57.575, 55.785
Yxy	42.1875, 0.4751, 0.3899
Android (android.graphics.Color)	4294546776 (0xFFFF99558)
YUV	171.9460, -41.3854, 67.5764
Hunter-Lab	64.9519, 27.6061, 32.1304

Details

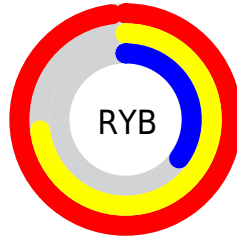
The CIELCh color **71, 57.575, 55.785** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **73, 40.303, 254.297**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 39.984, 75.272**, and **51, 57.621, 55.557** is the 20% darker color. If you saturate the color by 10%, you get **67, 68.062, 55.009**, and if you desaturate by 10%, it is **75, 47.225, 56.520**.

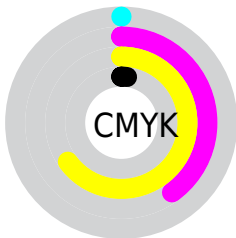
Distribution



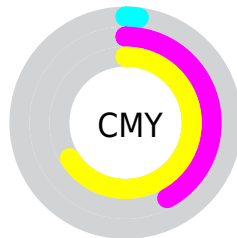
- Red (98%)
- Green (58%)
- Blue (35%)



- Red (98%)
- Yellow (73%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (65%)
- Black (2%)



- Cyan (2%)
- Magenta (42%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 57.575, 55.785 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 71, 57.575, 55.785 by changing the saturation by 10% instead.

 71, 57.575, 55.785

 71, 57.575, 55.785

 100, 57.575,
55.785

 61, 57.575, 55.785

 91, 57.575, 55.785

 51, 57.575, 55.785

 41, 57.575, 55.785

 31, 57.575, 55.785

 21, 57.575, 55.785

 11, 57.575, 55.785

 1, 57.575, 55.785

 0, 57.575, 55.785

 71, 57.575, 55.785

 71, 57.575, 55.785

67, 68.062, 55.009

75, 47.225, 56.520

64, 77.988, 53.970

79, 37.327, 57.286

61, 86.042, 52.243

83, 27.998, 58.107

60, 89.394, 51.082

87, 19.258, 58.979

91, 11.085, 59.883

96, 3.435, 60.726

100, 2.193,
199.568

Harmonies

Complementary

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



71, 57.575, 55.785



73, 40.303, 254.297

Rectangle

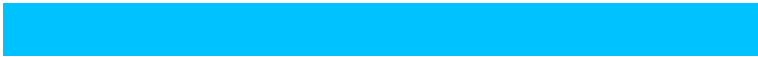
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 57.575, 55.785



71, 57.575, 105.785



71, 57.575, 235.785



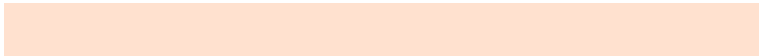
71, 57.575, 285.785

Sweetspot

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



71, 57.573, 55.789



91, 14.819, 59.492



62, 73.802, 343.379



48, 10.298, 59.233



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 57.573, 55.789



68, 72.913, 54.702



90, 68.783, 96.904



50, 4.224, 60.349



46, 72.233, 51.729



13, 26.437, 49.937

Inverse Universe

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



73, 40.303, 254.297



70, 47.496, 259.615



52, 80.310, 295.897



50, 4.055, 242.421



48, 45.101, 269.420



14, 18.640, 261.795

Previews

White Background



This preview shows how the CIELCh color 71, 57.575, 55.785 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 71, 57.575, 55.785 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 71, 57.575, 55.785

Background



This preview shows how black text looks on a background with the CIELCh color 71, 57.575, 55.785.

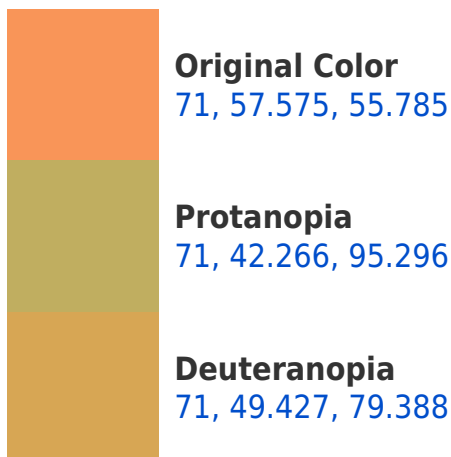


This preview shows how white text looks on a background with the CIELCh color 71, 57.575, 55.785.

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](#).

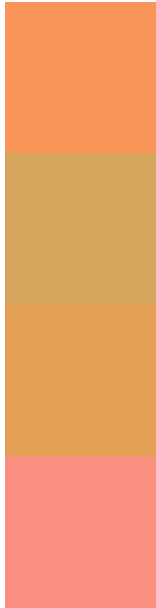
Dichromacy





Tritanopia
71, 45.375, 17.502

Trichromacy



Original Color
71, 57.575, 55.785

Protanomaly
71, 44.689, 77.770

Deuteranomaly
71, 51.301, 70.146

Tritanomaly
71, 46.762, 34.057

Monochromacy



Original Color
71, 57.575, 55.785

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 19.567, 59.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 57.575, 55.785 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(249, 149, 88)` looks like.

```
.text, #text, p{  
    color:rgb(249, 149, 88)  
}
```

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(249, 149, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 149, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 57.575, 55.785 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(249, 149, 88) }
```

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

```
.border{ border-color:rgb(249, 149, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 149, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 149, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 149, 88);  
box-shadow:4px 4px 4px 4px rgb(249, 149,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 57.575, 55.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 149, 88) }
```

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

```
.background{ background-color: rgb(249,  
149, 88) }
```

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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