

Converting Colors

CIELCh(71, 53.562, 58.040)

Have a look what the booklet for
CIELCh(71, 53.562, 58.040) contains.

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Color

CIELCh(71, 53.300, 57.969)

Conversions

Conversions Part 1

Format	Color
Hex	F2985C
RGB	242, 152, 92
RGB Percent	95%, 60%, 36%
CMY	0.0503, 0.4033, 0.6387
CMYK	0.00, 0.37, 0.62, 0.05
HSL	24°, 85%, 66%
HSV	24°, 62%, 95%
XYZ	49.8670, 42.1875, 15.6723
YIQ	172.0700, 72.9000, 0.4200

Conversions

Conversions Part 2

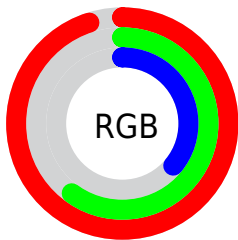
Format	Color
R _Y B	242, 192, 92
Decimal	15898716
CIE Lab	71.00, 28.27, 45.19
CIE LCh	71, 53.300, 57.969
Yxy	42.1875, 0.4629, 0.3916
Android (android.graphics.Color)	4294088796 (0xFFFF2985C)
YUV	172.0700, -39.4745, 61.3286
Hunter-Lab	64.9519, 23.3781, 31.1602

Details

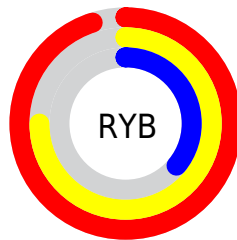
The CIELCh color **71, 53.300, 57.969** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **71, 38.990, 256.297**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 38.711, 76.543**, and **51, 53.134, 57.901** is the 20% darker color. If you saturate the color by 10%, you get **68, 63.412, 57.070**, and if you desaturate by 10%, it is **75, 43.391, 58.840**.

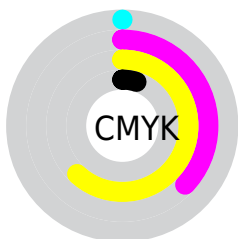
Distribution



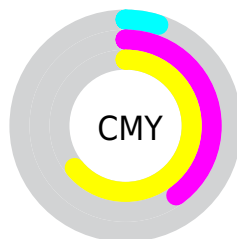
- Red (95%)
- Green (60%)
- Blue (36%)



- Red (95%)
- Yellow (75%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (62%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 53.300, 57.969 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, 53.300, 57.969 by changing the saturation by 10% instead.

71, 53.300, 57.969

71, 53.300, 57.969

100, 53.300,
57.969

61, 53.300, 57.969

91, 53.300, 57.969

51, 53.300, 57.969

41, 53.300, 57.969

31, 53.300, 57.969

21, 53.300, 57.969

11, 53.300, 57.969

1, 53.300, 57.969

0, 53.300, 57.969

71, 53.300, 57.969

71, 53.300, 57.969

68, 63.412, 57.070

75, 43.391, 58.840

64, 73.174, 55.970

78, 33.933, 59.734

61, 81.496, 54.323

82, 25.009, 60.669

59, 86.549, 52.472

86, 16.630, 61.638

91, 8.769, 62.618

95, 1.383, 63.329

99, 4.065, 207.498

99, 4.424, 199.275

Harmonies

Complementary

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



71, 53.300, 57.969



71, 38.990, 256.297

Rectangle

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



71, 53.300, 57.969



71, 53.300, 107.969



71, 53.300, 237.969



71, 53.300, 287.969

Sweetspot

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



71, 53.299, 57.973



92, 14.869, 61.923



62, 68.620, 344.887



48, 10.329, 61.641



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, 53.299, 57.973



70, 68.289, 56.849



89, 66.611, 99.197



48, 4.102, 62.855



46, 69.921, 53.156



12, 23.799, 51.036

Inverse Universe

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



71, 38.990, 256.297



70, 46.974, 260.952



51, 77.971, 296.547



48, 3.950, 245.035



45, 46.021, 272.324



12, 18.030, 263.911

Previews

White Background



This preview shows how the CIELCh color 71, 53.300, 57.969 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, 53.300, 57.969 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, 53.300, 57.969

Background



This preview shows how black text looks on a background with the CIELCh color 71, 53.300, 57.969.



This preview shows how white text looks on a background with the CIELCh color 71, 53.300, 57.969.

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

71, 53.300, 57.969

Protanopia

71, 40.192, 95.628

Deuteranopia

71, 46.935, 78.893



Tritanopia
71, 40.778, 16.140

Trichromacy



Original Color
71, 53.300, 57.969

Protanomaly
71, 42.333, 79.106

Deuteranomaly
71, 48.369, 70.704

Tritanomaly
71, 42.326, 34.686

Monochromacy



Original Color
71, 53.300, 57.969

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 18.191, 61.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 53.300, 57.969 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(242, 152, 92)` looks like.

```
.text, #text, p{  
    color:rgb(242, 152, 92)  
}
```

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(242, 152, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 152, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 53.300, 57.969 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(242, 152, 92) }
```

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

```
.border{ border-color:rgb(242, 152, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 152, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 152, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 152, 92);  
box-shadow:4px 4px 4px 4px rgb(242, 152,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 53.300, 57.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 152, 92) }
```

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

```
.background{ background-color: rgb(242,  
152, 92) }
```

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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