

Converting Colors

CIELCh(71, 56.104, 67.879)

Have a look what the booklet for
CIELCh(71, 56.104, 67.879) contains.

CIELCh(71, 56.144, 67.487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 56.144, 67.487)

Conversions

Conversions Part 1

Format	Color
Hex	EA9D4E
RGB	234, 157, 78
RGB Percent	92%, 62%, 31%
CMY	0.0821, 0.3841, 0.6939
CMYK	0.00, 0.33, 0.67, 0.08
HSL	30°, 79%, 61%
HSV	30°, 67%, 92%
XYZ	47.3968, 42.1875, 12.8628
YIQ	171.0170, 71.2510, -8.2450

Conversions

Conversions Part 2

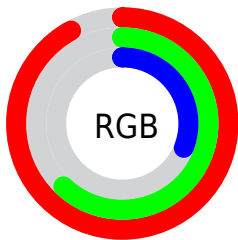
Format	Color
R _Y B	230, 234, 78
Decimal	15375694
CIE Lab	71.00, 21.50, 51.87
CIE LCh	71, 56.144, 67.487
Yxy	42.1875, 0.4626, 0.4118
Android (android.graphics.Color)	4293565774 (0xFFEA9D4E)
YUV	171.0170, -45.8574, 55.2361
Hunter-Lab	64.9519, 16.5893, 33.7248

Details

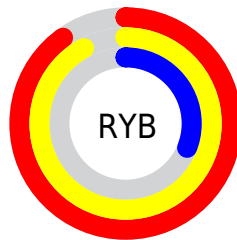
The CIELCh color **71, 56.144, 67.487** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **63, 46.803, 271.152**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 46.262, 83.669**, and **51, 56.265, 67.142** is the 20% darker color. If you saturate the color by 10%, you get **68, 65.002, 65.950**, and if you desaturate by 10%, it is **74, 46.973, 68.872**.

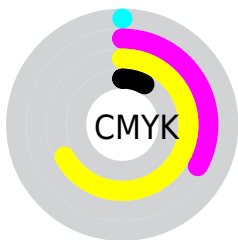
Distribution



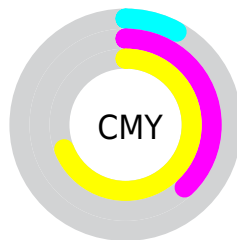
- Red (92%)
- Green (62%)
- Blue (31%)



- Red (90%)
- Yellow (92%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (67%)
- Black (8%)



- Cyan (8%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 56.144, 67.487 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, 56.144, 67.487 by changing the saturation by 10% instead.

71, 56.144, 67.487

71, 56.144, 67.487

100, 56.144,
67.487

61, 56.144, 67.487

91, 56.144, 67.487

51, 56.144, 67.487

41, 56.144, 67.487

31, 56.144, 67.487

21, 56.144, 67.487

11, 56.144, 67.487

1, 56.144, 67.487

0, 56.144, 67.487

71, 56.144, 67.487

71, 56.144, 67.487

68, 65.002, 65.950

74, 46.973, 68.872

65, 72.776, 64.046

77, 37.899, 70.190

63, 78.358, 61.440

80, 29.111, 71.483

62, 79.926, 60.509

84, 20.681, 72.761

87, 12.623, 74.017

90, 4.926, 75.215

94, 2.439, 256.687

97, 5.933, 227.632

99, 7.165, 199.044

Harmonies

Complementary

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



71, 56.144, 67.487



63, 46.803, 271.152

Rectangle

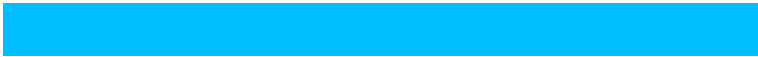
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 56.144, 67.487



71, 56.144, 117.487



71, 56.144, 247.487



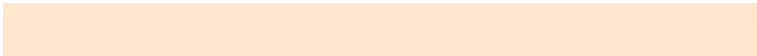
71, 56.144, 297.487

Sweetspot

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



71, 56.143, 67.491



93, 16.383, 73.588



57, 67.050, 352.067



48, 11.251, 73.233



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, 56.143, 67.491



73, 72.636, 65.300



90, 74.431, 104.121



47, 4.243, 74.891



49, 65.725, 61.183



13, 22.181, 61.626

Inverse Universe

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



63, 46.803, 271.152



62, 59.751, 276.640



43, 91.846, 301.184



47, 4.154, 257.415



39, 56.486, 284.626



9, 20.814, 276.513

Previews

White Background



This preview shows how the CIELCh color 71, 56.144, 67.487 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, 56.144, 67.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

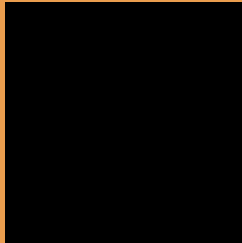
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 56.144, 67.487

Background



This preview shows how black text looks on a background with the CIELCh color 71, 56.144, 67.487.



This preview shows how white text looks on a background with the CIELCh color 71, 56.144, 67.487.

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, 56.144, 67.487

Protanopia

71, 48.619, 95.406

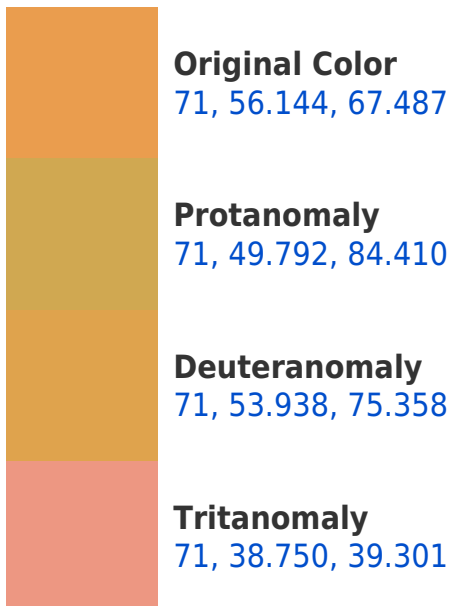
Deuteranopia

71, 53.189, 80.259



Tritanopia
71, 36.635, 13.933

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 56.144, 67.487 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(234, 157, 78)` looks like.

```
.text, #text, p{  
    color:rgb(234, 157, 78)  
}
```

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(234, 157, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 157, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 56.144, 67.487 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(234, 157, 78) }
```

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

```
.border{ border-color:rgb(234, 157, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 157, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 157, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 157, 78);  
box-shadow:4px 4px 4px 4px rgb(234, 157,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 56.144, 67.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 157, 78) }
```

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

```
.background{ background-color: rgb(234,  
157, 78) }
```

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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