

Converting Colors

CIELCh(69, 66.253, 71.851)

Have a look what the booklet for
CIELCh(69, 66.253, 71.851) contains.

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Color

CIELCh(69, 66.206, 71.829)

Conversions

Conversions Part 1

Format	Color
Hex	E5982F
RGB	229, 152, 47
RGB Percent	90%, 60%, 18%
CMY	0.1017, 0.4037, 0.8155
CMYK	0.00, 0.34, 0.79, 0.10
HSL	35°, 78%, 54%
HSV	35°, 79%, 90%
XYZ	44.0807, 39.3444, 7.9658
YIQ	163.0530, 79.5970, -16.3310

Conversions

Conversions Part 2

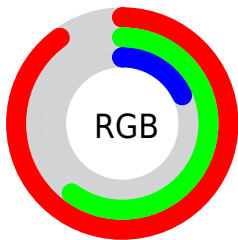
Format	Color
R _{YB}	180, 229, 47
Decimal	15046703
CIE _{Lab}	69.00, 20.65, 62.90
CIE _{LCh}	69, 66.206, 71.829
Y _{xy}	39.3444, 0.4823, 0.4305
Android (android.graphics.Color)	4293236783 (0xFFE5982F)
Y _{UV}	163.0530, -57.2141, 57.8355
Hunter-Lab	62.7251, 15.6738, 36.3780

Details

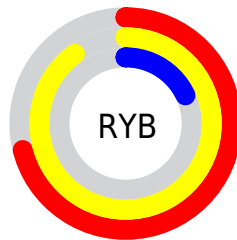
The CIELCh color **69, 66.206, 71.829** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **53, 61.421, 282.921**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 57.990, 84.139**, and **49, 60.546, 69.762** is the 20% darker color. If you saturate the color by 10%, you get **67, 72.526, 69.661**, and if you desaturate by 10%, it is **71, 58.299, 73.597**.

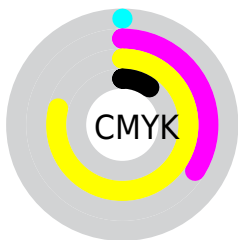
Distribution



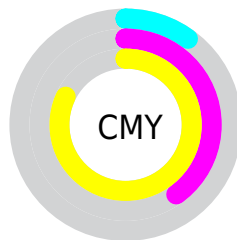
- Red (90%)
- Green (60%)
- Blue (18%)



- Red (71%)
- Yellow (90%)
- Blue (18%)



- Cyan (0%)
- Magenta (34%)
- Yellow (79%)
- Black (10%)



- Cyan (10%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 66.206, 71.829 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 69, 66.206, 71.829 by changing the saturation by 10% instead.

69, 66.206, 71.829

69, 66.206, 71.829

100, 66.206,
71.829

59, 66.206, 71.829

89, 66.206, 71.829

49, 66.206, 71.829

99, 66.206, 71.829

39, 66.206, 71.829

29, 66.206, 71.829

19, 66.206, 71.829

9, 66.206, 71.829

0, 66.206, 71.829

69, 66.206, 71.829

69, 66.206, 71.829

67, 72.526, 69.661

71, 58.299, 73.597

64, 76.579, 66.896

74, 49.673, 75.158

64, 76.787, 66.747

77, 40.853, 76.620

79, 32.112, 78.028

82, 23.580, 79.399

85, 15.309, 80.734

88, 7.311, 82.017

91, 0.423, 264.137

94, 7.911, 264.599

Harmonies

Complementary

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



69, 66.206, 71.829



53, 61.421, 282.921

Rectangle

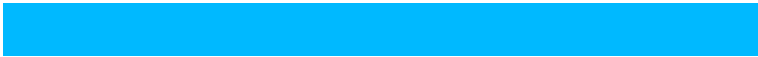
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 66.206, 71.829



69, 66.206, 121.829



69, 66.206, 251.829



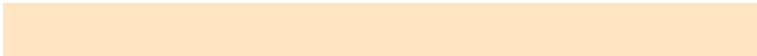
69, 66.206, 301.829

Sweetspot

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



69, 66.205, 71.832



92, 20.769, 80.113



52, 72.031, 0.493



48, 14.356, 79.633



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 66.205, 71.832



72, 81.525, 68.010



87, 82.568, 106.965



47, 4.398, 82.017



51, 63.621, 67.372



13, 21.184, 69.081

Inverse Universe

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



53, 61.421, 282.921



51, 80.971, 289.559



35, 107.026, 304.513



45, 4.349, 264.580



35, 63.950, 290.624



7, 22.509, 282.468

Previews

White Background



This preview shows how the CIELCh color 69, 66.206, 71.829 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 69, 66.206, 71.829 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 69, 66.206, 71.829

Background



This preview shows how black text looks on a background with the CIELCh color 69, 66.206, 71.829.



This preview shows how white text looks on a background with the CIELCh color 69, 66.206, 71.829.

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

69, 66.206, 71.829

Protanopia

69, 60.268, 95.388

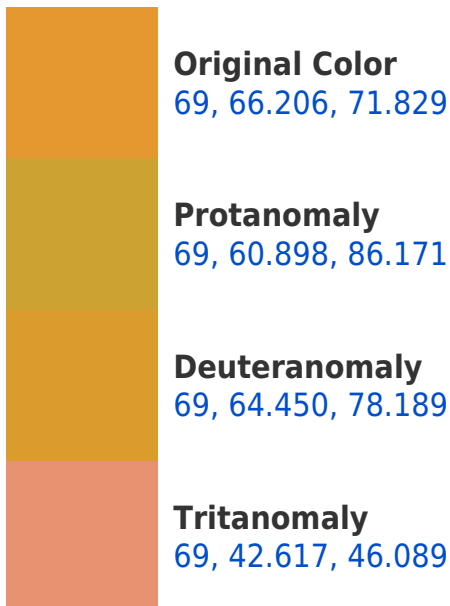
Deuteranopia

69, 63.893, 81.956



Tritanopia
69, 37.690, 14.388

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 66.206, 71.829 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(229, 152, 47)` looks like.

```
.text, #text, p{  
    color:rgb(229, 152, 47)  
}
```

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(229, 152, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 152, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 66.206, 71.829 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(229, 152, 47) }
```

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

```
.border{ border-color:rgb(229, 152, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 152, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 152, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 152, 47);  
box-shadow:4px 4px 4px 4px rgb(229, 152,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 66.206, 71.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 152, 47) }
```

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

```
.background{ background-color: rgb(229,  
152, 47) }
```

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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