

Converting Colors

CIELCh(69, 53.574, 67.104)

Have a look what the booklet for
CIELCh(69, 53.574, 67.104) contains.

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Color

CIELCh(69, 53.490, 67.070)

Conversions

Conversions Part 1

Format	Color
Hex	E2984E
RGB	226, 152, 78
RGB Percent	89%, 60%, 31%
CMY	0.1123, 0.4026, 0.6929
CMYK	0.00, 0.33, 0.65, 0.11
HSL	30°, 72%, 60%
HSV	30°, 65%, 89%
XYZ	44.1468, 39.3444, 12.5330
YIQ	165.6900, 67.8580, -7.3260

Conversions

Conversions Part 2

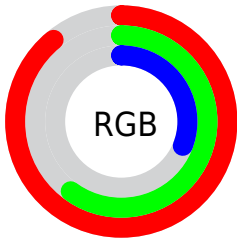
Format	Color
R _Y B	226, 226, 78
Decimal	14850126
CIE Lab	69.00, 20.84, 49.26
CIE LCh	69, 53.490, 67.070
Yxy	39.3444, 0.4597, 0.4097
Android (android.graphics.Color)	4293040206 (0xFFE2984E)
YUV	165.6900, -43.2312, 52.8919
Hunter-Lab	62.7251, 15.8619, 32.0610

Details

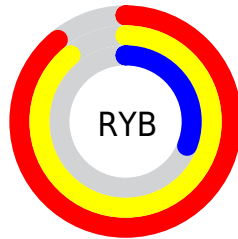
The CIELCh color **69, 53.490, 67.070** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **61, 44.313, 269.940**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 44.905, 79.487**, and **49, 53.443, 67.337** is the 20% darker color. If you saturate the color by 10%, you get **66, 62.238, 65.590**, and if you desaturate by 10%, it is **72, 44.531, 68.419**.

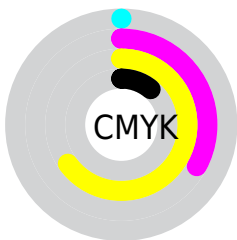
Distribution



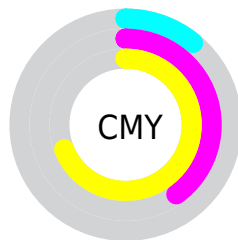
- Red (89%)
- Green (60%)
- Blue (31%)



- Red (89%)
- Yellow (89%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 53.490, 67.070 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, 53.490, 67.070 by changing the saturation by 10% instead.

69, 53.490, 67.070

69, 53.490, 67.070

100, 53.490,
67.070

59, 53.490, 67.070

89, 53.490, 67.070

49, 53.490, 67.070

99, 53.490, 67.070

39, 53.490, 67.070

29, 53.490, 67.070

19, 53.490, 67.070

9, 53.490, 67.070

0, 53.490, 67.070

69, 53.490, 67.070

69, 53.490, 67.070

66, 62.238, 65.590

72, 44.531, 68.419

64, 70.085, 63.783

75, 35.718, 69.712

61, 75.958, 61.317

78, 27.209, 70.986

60, 78.120, 60.049

81, 19.063, 72.246

85, 11.288, 73.486

88, 3.867, 74.652

92, 3.229, 256.090

95, 8.280, 248.068

98, 9.453, 201.338

Harmonies

Complementary

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



69, 53.490, 67.070



61, 44.313, 269.940

Rectangle

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



69, 53.490, 67.070



69, 53.490, 117.070



69, 53.490, 247.070



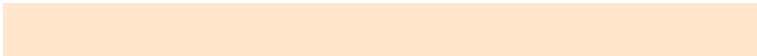
69, 53.490, 297.070

Sweetspot

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



69, 53.489, 67.074



93, 16.322, 72.904



56, 64.876, 350.657



48, 11.211, 72.552



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, 53.489, 67.074



73, 70.923, 65.076



87, 70.484, 103.394



45, 4.073, 74.202



47, 64.488, 60.732



11, 19.647, 60.226

Inverse Universe

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



61, 44.313, 269.940



63, 57.665, 275.092



43, 86.078, 300.350



45, 3.984, 256.703



38, 54.475, 283.890



8, 18.971, 274.647

Previews

White Background



This preview shows how the CIELCh color 69, 53.490, 67.070 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, 53.490, 67.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

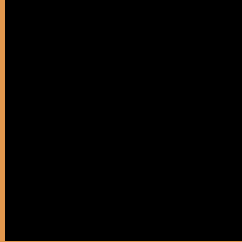
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 53.490, 67.070

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.490, 67.070.



This preview shows how white text looks on a background with the CIELCh color 69, 53.490, 67.070.

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, 53.490, 67.070

Protanopia

69, 45.836, 95.517

Deuteranopia

69, 50.770, 80.137



Tritanopia
69, 35.607, 13.582

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.490, 67.070 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(226, 152, 78)` looks like.

```
.text, #text, p{  
    color:rgb(226, 152, 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(226, 152, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 152, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.490, 67.070 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(226, 152, 78) }
```

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

```
.border{ border-color:rgb(226, 152, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 152, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 152, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 152, 78);  
box-shadow:4px 4px 4px 4px rgb(226, 152,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.490, 67.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 152, 78) }
```

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

```
.background{ background-color: rgb(226,  
152, 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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