

Converting Colors

CIELCh(69, 57.968, 84.270)

Have a look what the booklet for
CIELCh(69, 57.968, 84.270) contains.

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Color

CIELCh(69, 57.985, 84.219)

Conversions

Conversions Part 1

Format	Color
Hex	CEA23A
RGB	206, 162, 58
RGB Percent	81%, 64%, 23%
CMY	0.1915, 0.3641, 0.7720
CMYK	0.00, 0.21, 0.72, 0.19
HSL	42°, 60%, 52%
HSV	42°, 72%, 81%
XYZ	39.2127, 39.3444, 9.5502
YIQ	163.3000, 59.6080, -23.0160

Conversions

Conversions Part 2

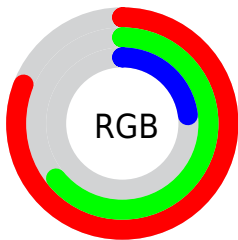
Format	Color
R_{YB}	121, 206, 58
Decimal	13541946
CIE _{Lab}	69.00, 5.84, 57.69
CIE _{LCh}	69, 57.985, 84.219
Yxy	39.3444, 0.4451, 0.4466
Android (android.graphics.Color)	4291732026 (0xFFCEA23A)
YUV	163.3000, -51.9129, 37.4479
Hunter-Lab	62.7251, 1.8208, 34.8804

Details

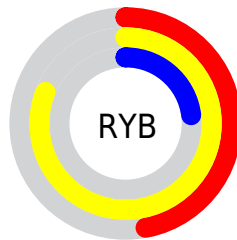
The CIELCh color **69, 57.985, 84.219** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **46, 61.777, 289.221**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 56.320, 88.989**, and **49, 55.957, 83.807** is the 20% darker color. If you saturate the color by 10%, you get **67, 64.238, 82.565**, and if you desaturate by 10%, it is **71, 50.550, 85.732**.

Distribution



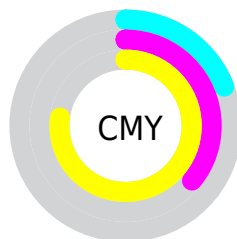
- Red (81%)
- Green (64%)
- Blue (23%)



- Red (47%)
- Yellow (81%)
- Blue (23%)



- Cyan (0%)
- Magenta (21%)
- Yellow (72%)
- Black (19%)



- Cyan (19%)
- Magenta (36%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 57.985, 84.219 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, 57.985, 84.219 by changing the saturation by 10% instead.

69, 57.985, 84.219

69, 57.985, 84.219

100, 57.985,
84.219

59, 57.985, 84.219

89, 57.985, 84.219

49, 57.985, 84.219

99, 57.985, 84.219

39, 57.985, 84.219

29, 57.985, 84.219

19, 57.985, 84.219

9, 57.985, 84.219

0, 57.985, 84.219

69, 57.985, 84.219

69, 57.985, 84.219

67, 64.238, 82.565

71, 50.550, 85.732

66, 68.545, 80.638

73, 42.513, 87.161

64, 70.577, 78.824

74, 34.227, 88.540

76, 25.892, 89.880

78, 17.616, 91.181

80, 9.450, 92.436

82, 1.417, 93.524

85, 6.476, 274.890

87, 14.232,
275.996

Harmonies

Complementary

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



69, 57.985, 84.219



46, 61.777, 289.221

Rectangle

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



69, 57.985, 84.219



69, 57.985, 134.219



69, 57.985, 264.219



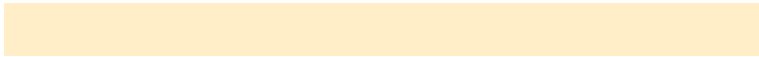
69, 57.985, 314.219

Sweetspot

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



69, 57.985, 84.222



95, 21.139, 91.120



48, 61.164, 8.518



50, 14.235, 90.766



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, 57.985, 84.222



81, 78.409, 81.593



78, 72.284, 113.831



42, 4.496, 92.727



53, 60.056, 79.253



11, 15.874, 82.625

Inverse Universe

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



46, 61.777, 289.221



48, 89.700, 294.431



37, 88.384, 305.446



40, 4.511, 275.122



27, 74.234, 298.205



4, 18.791, 283.569

Previews

White Background



This preview shows how the CIELCh color 69, 57.985, 84.219 looks on a white background.

Color Contrast Check

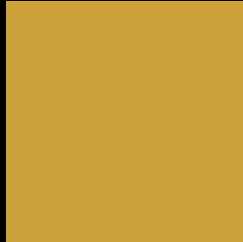
Large Text (above 18pt) WCAG AA × Fail

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, 57.985, 84.219 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, 57.985, 84.219

Background



This preview shows how black text looks on a background with the CIELCh color 69, 57.985, 84.219.



This preview shows how white text looks on a background with the CIELCh color 69, 57.985, 84.219.

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, 57.985, 84.219

Protanopia

69, 56.674, 95.704

Deuteranopia

69, 58.196, 80.972



Tritanopia
69, 25.049, 8.155

Trichromacy



Original Color
69, 57.985, 84.219

Protanomaly
69, 57.155, 91.580

Deuteranomaly
69, 57.963, 82.337

Tritanomaly
69, 29.375, 55.670

Monochromacy



Original Color
69, 57.985, 84.219

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 21.892, 90.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 57.985, 84.219 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(206, 162, 58)` looks like.

```
.text, #text, p{  
    color:rgb(206, 162, 58)  
}
```

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(206, 162, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 162, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 57.985, 84.219 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(206, 162, 58) }
```

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

```
.border{ border-color:rgb(206, 162, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 162, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 162, 58); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 162, 58); box-shadow:4px 4px 4px 4px rgb(206, 162, 58) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 57.985, 84.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 162, 58) }
```

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

```
.background{ background-color: rgb(206,  
162, 58) }
```

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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