

Converting Colors

CIELCh(65, 66.347, 82.682)

Have a look what the booklet for
CIELCh(65, 66.347, 82.682) contains.

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Color

CIELCh(65, 66.347, 82.682)

Conversions

Conversions Part 1

Format	Color
Hex	C89616
RGB	200, 150, 22
RGB Percent	78%, 59%, 9%
CMY	0.2166, 0.4126, 0.9150
CMYK	0.00, 0.25, 0.89, 0.22
HSL	43°, 80%, 43%
HSV	43°, 89%, 78%
XYZ	34.7681, 34.0472, 5.4815
YIQ	150.3580, 70.8880, -29.2080

Conversions

Conversions Part 2

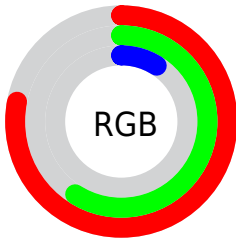
Format	Color
R _Y B	92, 200, 22
Decimal	13145622
CIE Lab	65.00, 8.45, 65.81
CIE LCh	65, 66.347, 82.682
Yxy	34.0472, 0.4680, 0.4583
Android (android.graphics.Color)	4291335702 (0xFFC89616)
YUV	150.3580, -63.2805, 43.5360
Hunter-Lab	58.3500, 4.2476, 35.2752

Details

The CIELCh color **65, 66.347, 82.682** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **36, 78.384, 296.001**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 65.148, 84.833**, and **45, 53.453, 80.227** is the 20% darker color. If you saturate the color by 10%, you get **64, 68.957, 80.634**, and if you desaturate by 10%, it is **67, 61.638, 84.446**.

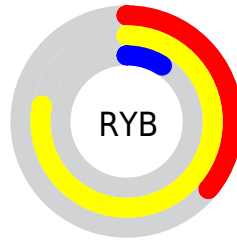
Distribution



Red (78%)

Green (59%)

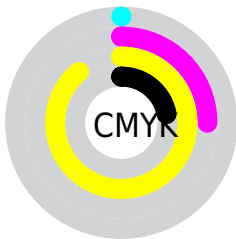
Blue (9%)



Red (36%)

Yellow (78%)

Blue (9%)

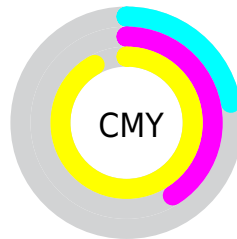


Cyan (0%)

Magenta (25%)

Yellow (89%)

Black (22%)



Cyan (22%)

Magenta (41%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 66.347, 82.682 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 65, 66.347, 82.682 by changing the saturation by 10% instead.

 65, 66.347, 82.682

 65, 66.347, 82.682

 100, 66.347,
82.682

 55, 66.347, 82.682

 85, 66.347, 82.682

 45, 66.347, 82.682

 95, 66.347, 82.682

 35, 66.347, 82.682

 25, 66.347, 82.682

 15, 66.347, 82.682

 5, 66.347, 82.682

 0, 66.347, 82.682

 65, 66.347, 82.682

 65, 66.347, 82.682

 64, 68.957, 80.634

 67, 61.638, 84.446

63, 69.160, 80.460

68, 55.212, 86.005

70, 47.770, 87.454

71, 39.815, 88.842

73, 31.651, 90.189

75, 23.449, 91.500

77, 15.300, 92.772

79, 7.252, 93.995

81, 0.677, 275.521

Harmonies

Complementary

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



65, 66.347, 82.682



36, 78.384, 296.001

Rectangle

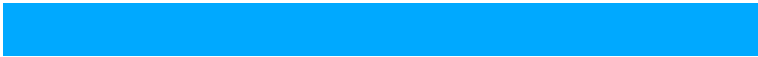
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 66.347, 82.682



65, 66.347, 132.682



65, 66.347, 262.682



65, 66.347, 312.682

Sweetspot

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



65, 66.346, 82.685



94, 26.451, 91.727



43, 69.265, 17.180



49, 17.860, 91.279



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 66.346, 82.685



79, 83.051, 80.081



75, 80.173, 114.927



41, 4.479, 93.968



53, 59.580, 80.840



10, 14.677, 84.615

Inverse Universe

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



36, 78.384, 296.001



41, 107.957, 299.920



29, 103.248, 307.151



39, 4.501, 276.326



26, 75.098, 298.972



3, 17.408, 283.139

Previews

White Background



This preview shows how the CIELCh color 65, 66.347, 82.682 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 CIE LCh color 65, 66.347, 82.682 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 65, 66.347, 82.682

Background



This preview shows how black text looks on a background with the CIELCh color 65, 66.347, 82.682.



This preview shows how white text looks on a background with the CIELCh color 65, 66.347, 82.682.

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

65, 66.347, 82.682

Protanopia

65, 64.554, 95.040

Deuteranopia

65, 66.347, 82.682



Tritanopia
65, 27.825, 9.911

Trichromacy



Original Color
65, 66.347, 82.682

Protanomaly
65, 64.833, 90.436

Deuteranomaly
65, 66.347, 82.682

Tritanomaly
65, 35.651, 58.694

Monochromacy



Original Color
65, 66.347, 82.682

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 27.240, 90.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 66.347, 82.682 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(200, 150, 22)` looks like.

```
.text, #text, p{  
    color:rgb(200, 150, 22)  
}
```

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(200, 150, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 150, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 66.347, 82.682 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(200, 150, 22) }
```

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

```
.border{ border-color:rgb(200, 150, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 150, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 150, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 150, 22);  
box-shadow:4px 4px 4px 4px rgb(200, 150,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 66.347, 82.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 150, 22) }
```

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

```
.background{ background-color: rgb(200,  
150, 22) }
```

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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