

Converting Colors

CIELCh(66, 36.214, 65.829)

Have a look what the booklet for
CIELCh(66, 36.214, 65.829) contains.

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Color

CIELCh(66, 36.179, 65.235)

Conversions

Conversions Part 1

Format	Color
Hex	CC9566
RGB	204, 149, 102
RGB Percent	80%, 58%, 40%
CMY	0.1997, 0.4154, 0.5998
CMYK	0.00, 0.27, 0.50, 0.20
HSL	28°, 50%, 60%
HSV	28°, 50%, 80%
XYZ	38.0809, 35.3238, 17.3976
YIQ	160.0870, 47.8670, -2.9570

Conversions

Conversions Part 2

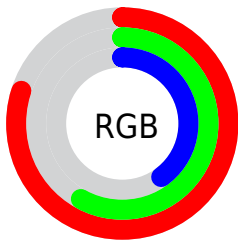
Format	Color
RYB	204, 189, 102
Decimal	13407590
CIELab	66.00, 15.16, 32.85
CIELCh	66, 36.179, 65.235
Yxy	35.3238, 0.4194, 0.3890
Android (android.graphics.Color)	4291597670 (0xFFCC9566)
YUV	160.0870, -28.6369, 38.5117
Hunter-Lab	59.4338, 10.3606, 24.2482

Details

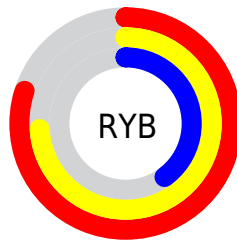
The CIELCh color $66, 36.179, 65.235$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $63, 30.116, 260.311$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 33.702, 68.904$, and $46, 36.066, 65.056$ is the 20% darker color. If you saturate the color by 10%, you get $63, 44.482, 64.078$, and if you desaturate by 10%, it is $69, 28.183, 66.393$.

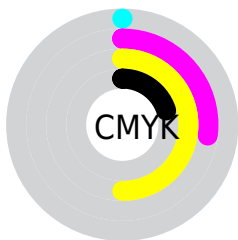
Distribution



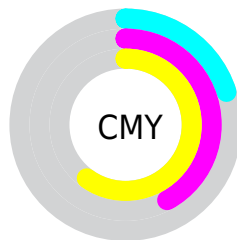
- Red (80%)
- Green (58%)
- Blue (40%)



- Red (80%)
- Yellow (74%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (20%)



- Cyan (20%)
- Magenta (42%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 36.179, 65.235 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 66, 36.179, 65.235 by changing the saturation by 10% instead.

 66, 36.179, 65.235

 66, 36.179, 65.235

 100, 36.179,
65.235

 56, 36.179, 65.235

 86, 36.179, 65.235

 46, 36.179, 65.235

 96, 36.179, 65.235

 36, 36.179, 65.235

 26, 36.179, 65.235

 16, 36.179, 65.235

 6, 36.179, 65.235

 0, 36.179, 65.235

 66, 36.179, 65.235

 66, 36.179, 65.235

 63, 44.482, 64.078

 69, 28.183, 66.393

60, 52.906, 62.859

72, 20.567, 67.551

58, 61.038, 61.460

75, 13.341, 68.709

55, 68.094, 59.623

79, 6.490, 69.844

53, 73.459, 57.207

82, 0.017, 275.592

53, 73.466, 57.204

85, 6.209, 252.263

89, 12.124,
253.340

92, 14.087,
240.173

95, 14.881,
212.413

Harmonies

Complementary

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



66, 36.179, 65.235



63, 30.116, 260.311

Rectangle

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



66, 36.179, 65.235



66, 36.179, 115.235



66, 36.179, 245.235



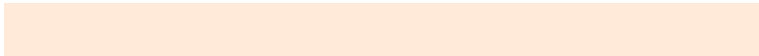
66, 36.179, 295.235

Sweetspot

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



66, 36.179, 65.240



94, 11.844, 69.259



57, 48.453, 346.012



49, 8.127, 69.014



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 36.179, 65.240



77, 53.404, 63.984



79, 49.959, 103.094



41, 3.679, 69.908



43, 62.705, 57.812



8, 14.404, 52.966

Inverse Universe

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



63, 30.116, 260.311



73, 42.622, 263.631



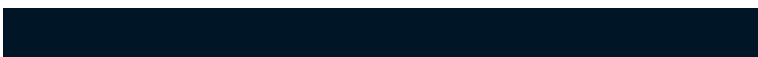
49, 56.659, 295.618



41, 3.579, 252.293



38, 47.957, 279.527



6, 14.418, 267.384

Previews

White Background



This preview shows how the CIELCh color 66, 36.179, 65.235 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 66, 36.179, 65.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

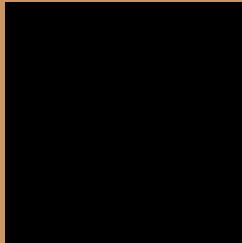
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 36.179, 65.235

Background



This preview shows how black text looks on a background with the CIELCh color 66, 36.179, 65.235.



This preview shows how white text looks on a background with the CIELCh color 66, 36.179, 65.235.

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

66, 36.179, 65.235

Protanopia

66, 30.021, 96.306

Deuteranopia

66, 34.380, 76.249



Tritanopia
66, 26.451, 10.275

Trichromacy



Original Color
66, 36.179, 65.235

Protanomaly
66, 31.172, 84.110

Deuteranomaly
66, 35.109, 71.857

Tritanomaly
66, 26.794, 34.675

Monochromacy



Original Color
66, 36.179, 65.235

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 12.461, 68.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 36.179, 65.235 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(204, 149, 102)` looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 102)  
}
```

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(204, 149, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 36.179, 65.235 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(204, 149, 102) }
```

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

```
.border{ border-color:rgb(204, 149, 102) }
```

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

Here you see how a box with a 4 pixel rgb(204, 149, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 102);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 36.179, 65.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 102) }
```

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

```
.background{ background-color: rgb(204,  
149, 102) }
```

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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