

Converting Colors

CIELCh(66, 30.603, 74.676)

Have a look what the booklet for
CIELCh(66, 30.603, 74.676) contains.

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Color

CIELCh(66, 30.561, 74.705)

Conversions

Conversions Part 1

Format	Color
Hex	C09A6C
RGB	192, 154, 108
RGB Percent	75%, 60%, 42%
CMY	0.2477, 0.3967, 0.5770
CMYK	0.00, 0.20, 0.44, 0.25
HSL	33°, 40%, 59%
HSV	33°, 44%, 75%
XYZ	35.9244, 35.3238, 19.0708
YIQ	160.1180, 37.4140, -6.2500

Conversions

Conversions Part 2

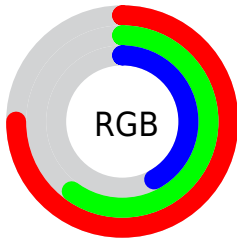
Format	Color
RYB	177, 192, 108
Decimal	12622444
CIELab	66.00, 8.06, 29.48
CIElCh	66, 30.561, 74.705
Yxy	35.3238, 0.3977, 0.3911
Android (android.graphics.Color)	4290812524 (0xFFC09A6C)
YUV	160.1180, -25.6942, 27.9605
Hunter-Lab	59.4338, 3.8838, 22.5790

Details

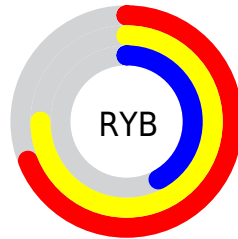
The CIELCh color **66, 30.561, 74.705** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 28.005, 268.236**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 30.514, 74.261**, and **46, 30.483, 74.221** is the 20% darker color. If you saturate the color by 10%, you get **64, 38.176, 73.336**, and if you desaturate by 10%, it is **69, 23.144, 76.051**.

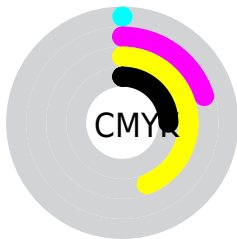
Distribution



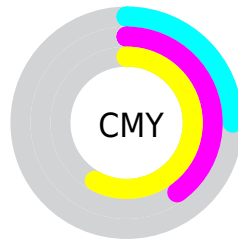
- Red (75%)
- Green (60%)
- Blue (42%)



- Red (69%)
- Yellow (75%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (25%)



- Cyan (25%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 30.561, 74.705 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, 30.561, 74.705 by changing the saturation by 10% instead.

■ 66, 30.561, 74.705

■ 66, 30.561, 74.705

■ 100, 30.561,
74.705

■ 56, 30.561, 74.705

■ 86, 30.561, 74.705

■ 46, 30.561, 74.705

■ 96, 30.561, 74.705

■ 36, 30.561, 74.705

■ 26, 30.561, 74.705

■ 16, 30.561, 74.705

■ 6, 30.561, 74.705

■ 0, 30.561, 74.705

■ 66, 30.561, 74.705

■ 66, 30.561, 74.705

■ 64, 38.176, 73.336

■ 69, 23.144, 76.051

61, 45.855, 71.903

71, 15.979, 77.365

59, 53.316, 70.347

74, 9.080, 78.642

57, 60.027, 68.528

77, 2.438, 79.806

55, 65.159, 66.191

79, 3.965, 261.242

53, 67.674, 64.559

82, 10.148,
262.375

85, 16.135,
263.499

88, 19.156,
259.454

90, 17.380,
242.648

Harmonies

Complementary

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



66, 30.561, 74.705



59, 28.005, 268.236

Rectangle

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



66, 30.561, 74.705



66, 30.561, 124.705



66, 30.561, 254.705



66, 30.561, 304.705

Sweetspot

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



66, 30.561, 74.710



94, 10.608, 78.713



56, 38.874, 350.130



49, 7.454, 78.433



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 30.561, 74.710



81, 46.643, 73.325



76, 43.881, 107.556



40, 3.735, 79.184



45, 59.238, 65.082



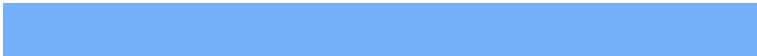
7, 11.617, 63.816

Inverse Universe

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



59, 28.005, 268.236



71, 41.919, 270.975



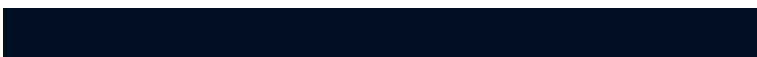
49, 49.226, 297.123



39, 3.680, 261.694



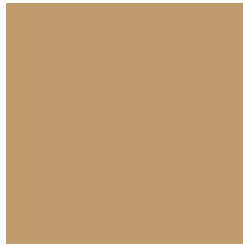
32, 55.526, 287.919



4, 13.481, 273.072

Previews

White Background



This preview shows how the CIELCh color 66, 30.561, 74.705 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, 30.561, 74.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

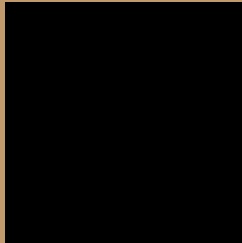
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 30.561, 74.705

Background



This preview shows how black text looks on a background with the CIELCh color 66, 30.561, 74.705.



This preview shows how white text looks on a background with the CIELCh color 66, 30.561, 74.705.

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, 30.561, 74.705

Protanopia

66, 27.918, 95.793

Deuteranopia

66, 30.561, 74.705



Tritanopia
66, 20.667, 2.955

Trichromacy



Original Color
66, 30.561, 74.705

Protanomaly
66, 28.082, 87.653

Deuteranomaly
66, 30.561, 74.705

Tritanomaly
66, 19.634, 35.590

Monochromacy



Original Color
66, 30.561, 74.705

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 10.961, 78.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 30.561, 74.705 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(192, 154, 108)` looks like.

```
.text, #text, p{  
    color:rgb(192, 154, 108)  
}
```

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(192, 154, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 154, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 30.561, 74.705 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(192, 154, 108) }
```

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

```
.border{ border-color:rgb(192, 154, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 154, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 154, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 154, 108);  
box-shadow:4px 4px 4px 4px rgb(192, 154,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 30.561, 74.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 154, 108) }
```

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

```
.background{ background-color: rgb(192,  
154, 108) }
```

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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