

Converting Colors

CIELCh(66, 29.670, 72.383)

Have a look what the booklet for
CIELCh(66, 29.670, 72.383) contains.

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Color

CIELCh(66, 29.730, 71.897)

Conversions

Conversions Part 1

Format	Color
Hex	C1996E
RGB	193, 153, 110
RGB Percent	76%, 60%, 43%
CMY	0.2425, 0.3994, 0.5680
CMYK	0.00, 0.21, 0.43, 0.24
HSL	31°, 40%, 59%
HSV	31°, 43%, 76%
XYZ	36.2762, 35.3238, 19.7015
YIQ	160.0580, 37.6430, -4.8930

Conversions

Conversions Part 2

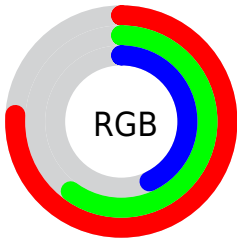
Format	Color
RYB	187, 193, 110
Decimal	12687726
CIELab	66.00, 9.24, 28.26
CIElCh	66, 29.730, 71.897
Yxy	35.3238, 0.3973, 0.3869
Android (android.graphics.Color)	4290877806 (0xFFC1996E)
YUV	160.0580, -24.6786, 28.8901
Hunter-Lab	59.4338, 4.9404, 21.9499

Details

The CIELCh color **66, 29.730, 71.897** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 26.674, 264.962**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 29.721, 71.536**, and **46, 29.654, 71.298** is the 20% darker color. If you saturate the color by 10%, you get **63, 37.391, 70.585**, and if you desaturate by 10%, it is **69, 22.325, 73.197**.

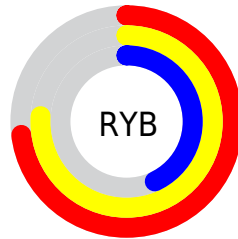
Distribution



Red (76%)

Green (60%)

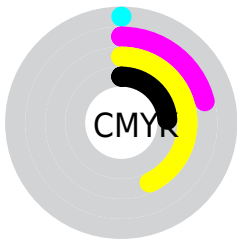
Blue (43%)



Red (73%)

Yellow (76%)

Blue (43%)

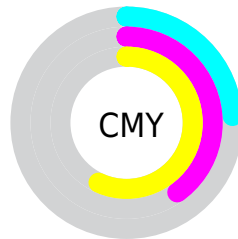


Cyan (0%)

Magenta (21%)

Yellow (43%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 29.730, 71.897 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, 29.730, 71.897 by changing the saturation by 10% instead.

■ 66, 29.730, 71.897

■ 66, 29.730, 71.897

■ 100, 29.730,
71.897

■ 56, 29.730, 71.897

■ 86, 29.730, 71.897

■ 46, 29.730, 71.897

■ 96, 29.730, 71.897

■ 36, 29.730, 71.897

■ 26, 29.730, 71.897

■ 16, 29.730, 71.897

■ 6, 29.730, 71.897

■ 0, 29.730, 71.897

■ 66, 29.730, 71.897

■ 66, 29.730, 71.897

■ 63, 37.391, 70.585

■ 69, 22.325, 73.197

61, 45.195, 69.223

72, 15.216, 74.471

58, 52.889, 67.752

74, 8.406, 75.715

56, 59.973, 66.032

77, 1.883, 76.810

54, 65.617, 63.797

80, 4.379, 258.276

52, 68.722, 61.977

83, 10.403,
259.398

86, 16.216,
260.512

89, 17.819,
252.415

91, 16.769,
232.748

Harmonies

Complementary

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



66, 29.730, 71.897



61, 26.674, 264.962

Rectangle

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



66, 29.730, 71.897



66, 29.730, 121.897



66, 29.730, 251.897



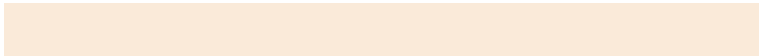
66, 29.730, 301.897

Sweetspot

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



66, 29.730, 71.902



94, 10.385, 75.687



57, 38.735, 348.994



49, 7.301, 75.414



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, 29.730, 71.902



80, 45.223, 70.607



76, 43.355, 106.857



39, 3.653, 76.148



44, 59.804, 62.532



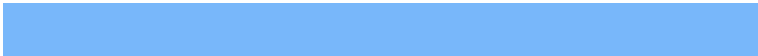
7, 11.523, 60.318

Inverse Universe

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



61, 26.674, 264.962



73, 39.537, 267.617



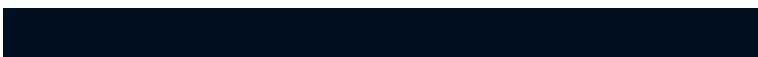
50, 48.521, 296.517



39, 3.585, 258.635



34, 52.430, 285.290



4, 13.071, 270.870

Previews

White Background



This preview shows how the CIELCh color 66, 29.730, 71.897 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, 29.730, 71.897 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, 29.730, 71.897

Background



This preview shows how black text looks on a background with the CIELCh color 66, 29.730, 71.897.



This preview shows how white text looks on a background with the CIELCh color 66, 29.730, 71.897.

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, 29.730, 71.897

Protanopia

66, 26.774, 96.387

Deuteranopia

66, 29.620, 73.769



Tritanopia
66, 20.928, 4.808

Trichromacy



Original Color
66, 29.730, 71.897

Protanomaly
66, 27.056, 87.062

Deuteranomaly
66, 29.620, 73.769

Tritanomaly
66, 19.859, 33.846

Monochromacy



Original Color
66, 29.730, 71.897

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 10.484, 76.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 29.730, 71.897 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(193, 153, 110)` looks like.

```
.text, #text, p{  
    color:rgb(193, 153, 110)  
}
```

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(193, 153, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 153, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 29.730, 71.897 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(193, 153, 110) }
```

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

```
.border{ border-color:rgb(193, 153, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 153, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 153, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 153, 110);  
box-shadow:4px 4px 4px 4px rgb(193, 153,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 29.730, 71.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 153, 110) }
```

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

```
.background{ background-color: rgb(193,  
153, 110) }
```

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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