

Converting Colors

CIELCh(66, 28.222, 91.574)

Have a look what the booklet for
CIELCh(66, 28.222, 91.574) contains.

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Color

CIELCh(66, 28.000, 91.283)

Conversions

Conversions Part 1

Format	Color
Hex	B19F6E
RGB	177, 159, 110
RGB Percent	69%, 62%, 43%
CMY	0.3054, 0.3760, 0.5682
CMYK	0.00, 0.10, 0.38, 0.31
HSL	44°, 30%, 56%
HSV	44°, 38%, 69%
XYZ	33.3959, 35.3238, 19.8405
YIQ	158.7960, 26.4570, -11.4230

Conversions

Conversions Part 2

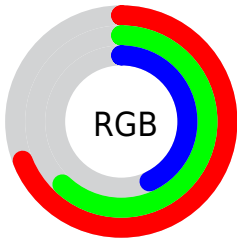
Format	Color
RYB	135, 177, 110
Decimal	11640686
CIELab	66.00, -0.63, 27.99
CIELCh	66, 28.000, 91.283
Yxy	35.3238, 0.3771, 0.3989
Android (android.graphics.Color)	4289830766 (0xFFB19F6E)
YUV	158.7960, -24.0564, 15.9649
Hunter-Lab	59.4338, -3.7100, 21.8112

Details

The CIELCh color **66, 28.000, 91.283** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54, 28.611, 281.863**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 28.247, 91.456**, and **46, 28.335, 91.784** is the 20% darker color. If you saturate the color by 10%, you get **64, 35.463, 89.972**, and if you desaturate by 10%, it is **68, 20.507, 92.570**.

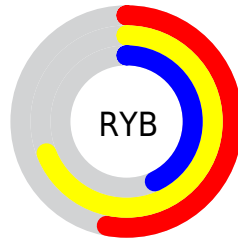
Distribution



Red (69%)

Green (62%)

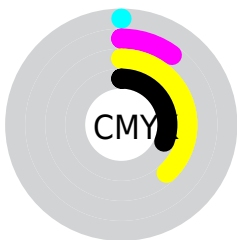
Blue (43%)



Red (53%)

Yellow (69%)

Blue (43%)

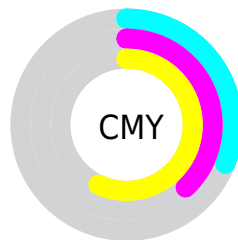


Cyan (0%)

Magenta (10%)

Yellow (38%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 28.000, 91.283 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, 28.000, 91.283 by changing the saturation by 10% instead.

■ 66, 28.000, 91.283

■ 66, 28.000, 91.283

■ 100, 28.000,
91.283

■ 56, 28.000, 91.283

■ 86, 28.000, 91.283

■ 46, 28.000, 91.283

■ 96, 28.000, 91.283

■ 36, 28.000, 91.283

■ 26, 28.000, 91.283

■ 16, 28.000, 91.283

■ 6, 28.000, 91.283

■ 0, 28.000, 91.283

■ 66, 28.000, 91.283

■ 66, 28.000, 91.283

■ 64, 35.463, 89.972

■ 68, 20.507, 92.570

63, 42.750, 88.621

69, 13.057, 93.815

62, 49.612, 87.220

71, 5.691, 95.008

60, 55.631, 85.732

73, 1.574, 276.324

59, 60.213, 84.084

74, 8.731, 277.352

58, 62.920, 82.189

76, 15.782,
278.416

57, 63.453, 81.779

78, 22.730,
279.436

80, 29.581,
280.406

81, 28.961,
277.043

Harmonies

Complementary

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



66, 28.000, 91.283



54, 28.611, 281.863

Rectangle

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



66, 28.000, 91.283



66, 28.000, 141.283



66, 28.000, 271.283



66, 28.000, 321.283

Sweetspot

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



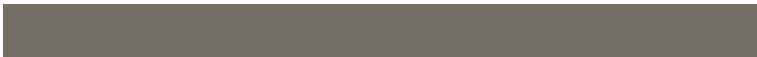
66, 28.001, 91.288



89, 9.894, 94.616



54, 29.164, 1.581



47, 6.648, 94.460



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 28.001, 91.288



82, 41.184, 90.247



70, 36.335, 116.157



37, 4.146, 94.835



50, 57.009, 82.062



6, 9.034, 88.362

Inverse Universe

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



54, 28.611, 281.863



64, 42.438, 283.592



50, 39.580, 301.794



35, 4.171, 277.140



23, 72.435, 299.344



2, 10.698, 279.954

Previews

White Background



This preview shows how the CIELCh color 66, 28.000, 91.283 looks on a white background.

Color Contrast Check

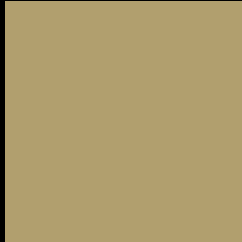
Large Text (above 18pt) WCAG AA × Fail

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, 28.000, 91.283 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, 28.000, 91.283

Background



This preview shows how black text looks on a background with the CIELCh color 66, 28.000, 91.283.



This preview shows how white text looks on a background with the CIELCh color 66, 28.000, 91.283.

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, 28.000, 91.283

Protanopia

66, 27.421, 95.624

Deuteranopia

66, 28.892, 73.971



Tritanopia
66, 13.673, 351.792

Trichromacy



Original Color
66, 28.000, 91.283

Protanomaly
66, 27.516, 94.749

Deuteranomaly
66, 28.123, 80.119

Tritanomaly
66, 12.168, 49.955

Monochromacy



Original Color
66, 28.000, 91.283

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.320, 93.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 28.000, 91.283 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(177, 159, 110)` looks like.

```
.text, #text, p{  
    color:rgb(177, 159, 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(177, 159, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 159, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 28.000, 91.283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

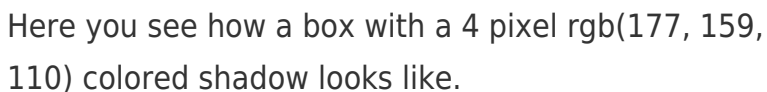
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 159, 110) }
```

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

```
.border{ border-color:rgb(177, 159, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 159, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 159, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 159, 110); box-shadow:4px 4px 4px 4px rgb(177, 159, 110) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 28.000, 91.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 159, 110) }
```

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

```
.background{ background-color: rgb(177,  
159, 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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