

Converting Colors

CIELCh(66, 30.026, 92.766)

Have a look what the booklet for
CIELCh(66, 30.026, 92.766) contains.

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Color

CIELCh(66, 30.080, 92.086)

Conversions

Conversions Part 1

Format	Color
Hex	B19F6A
RGB	177, 159, 106
RGB Percent	69%, 62%, 42%
CMY	0.3047, 0.3753, 0.5832
CMYK	0.00, 0.10, 0.40, 0.30
HSL	45°, 31%, 56%
HSV	45°, 40%, 70%
XYZ	33.2632, 35.3238, 18.7750
YIQ	158.3400, 27.7410, -12.6670

Conversions

Conversions Part 2

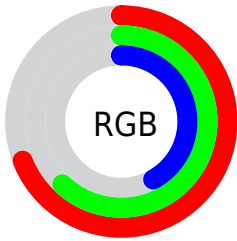
Format	Color
RYB	130, 177, 106
Decimal	11640682
CIELab	66.00, -1.09, 30.06
CIELCh	66, 30.080, 92.086
Yxy	35.3238, 0.3808, 0.4043
Android (android.graphics.Color)	4289830762 (0xFFB19F6A)
YUV	158.3400, -25.8036, 16.3648
Hunter-Lab	59.4338, -4.1086, 22.8741

Details

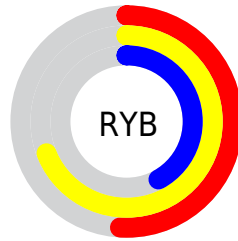
The CIELCh color **66, 30.080, 92.086** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **53, 30.998, 283.297**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 30.238, 92.299**, and **46, 29.948, 92.268** is the 20% darker color. If you saturate the color by 10%, you get **65, 37.580, 90.787**, and if you desaturate by 10%, it is **68, 22.504, 93.363**.

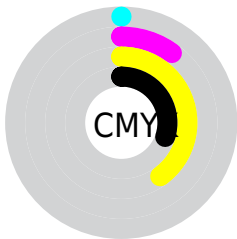
Distribution



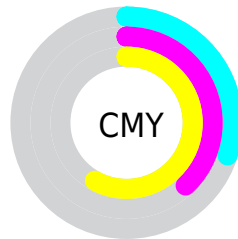
- Red (69%)
- Green (62%)
- Blue (42%)



- Red (51%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (40%)
- Black (30%)



- Cyan (30%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 30.080, 92.086 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, 30.080, 92.086 by changing the saturation by 10% instead.

66, 30.080, 92.086

66, 30.080, 92.086

100, 30.080,
92.086

56, 30.080, 92.086

86, 30.080, 92.086

46, 30.080, 92.086

96, 30.080, 92.086

36, 30.080, 92.086

26, 30.080, 92.086

16, 30.080, 92.086

6, 30.080, 92.086

0, 30.080, 92.086

66, 30.080, 92.086

66, 30.080, 92.086

65, 37.580, 90.787

68, 22.504, 93.363

63, 44.833, 89.451

69, 14.942, 94.603

62, 51.550, 88.067

71, 7.444, 95.798

60, 57.270, 86.598

72, 0.036, 92.166

59, 61.374, 84.969

74, 7.274, 278.132

58, 63.772, 83.160

76, 14.483,
279.193

77, 21.593,
280.214

79, 28.608,
281.185

81, 29.972,
279.179

Harmonies

Complementary

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



66, 30.080, 92.086



53, 30.998, 283.297

Rectangle

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



66, 30.080, 92.086



66, 30.080, 142.086



66, 30.080, 272.086



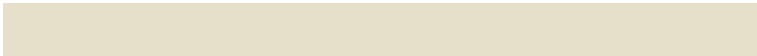
66, 30.080, 322.086

Sweetspot

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



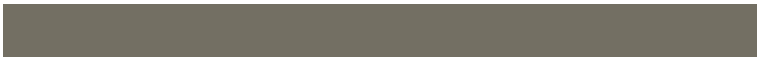
66, 30.081, 92.090



89, 10.970, 95.546



53, 30.834, 3.164



47, 7.275, 95.397



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, 30.081, 92.090



82, 44.458, 90.951



70, 38.514, 116.730



37, 4.212, 95.883



51, 57.257, 83.425



6, 9.201, 89.878

Inverse Universe

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



53, 30.998, 283.297



62, 46.370, 285.260



49, 42.146, 302.551



35, 4.242, 278.160



23, 73.926, 300.005



2, 10.834, 280.656

Previews

White Background



This preview shows how the CIELCh color 66, 30.080, 92.086 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, 30.080, 92.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

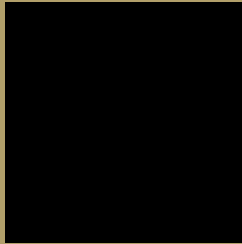
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 30.080, 92.086

Background



This preview shows how black text looks on a background with the CIELCh color 66, 30.080, 92.086.



This preview shows how white text looks on a background with the CIELCh color 66, 30.080, 92.086.

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, 30.080, 92.086

Protanopia

66, 29.618, 95.343

Deuteranopia

66, 30.391, 73.545



Tritanopia
66, 13.673, 351.792

Trichromacy



Original Color
66, 30.080, 92.086

Protanomaly
66, 29.716, 94.528

Deuteranomaly
66, 30.066, 79.775

Tritanomaly
66, 12.479, 52.049

Monochromacy



Original Color
66, 30.080, 92.086

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.854, 94.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 30.080, 92.086 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(177, 159, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 159, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 30.080, 92.086 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, 106) }
```

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

```
.border{ border-color:rgb(177, 159, 106) }
```

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, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 159, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 159, 106);  
box-shadow:4px 4px 4px 4px rgb(177, 159,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 30.080, 92.086 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, 106) }
```

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

```
.background{ background-color: rgb(177,  
159, 106) }
```

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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