

Converting Colors

CIELCh(66, 28.491, 102.008)

Have a look what the booklet for
CIELCh(66, 28.491, 102.008)
contains.

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Color

CIELCh(66, 28.491, 102.008)

Conversions

Conversions Part 1

Format	Color
Hex	A8A26E
RGB	168, 162, 110
RGB Percent	66%, 64%, 43%
CMY	0.3409, 0.3644, 0.5684
CMYK	0.00, 0.04, 0.35, 0.34
HSL	54°, 25%, 55%
HSV	54°, 35%, 66%
XYZ	31.9132, 35.3238, 19.9064
YIQ	157.8660, 20.2680, -14.9000

Conversions

Conversions Part 2

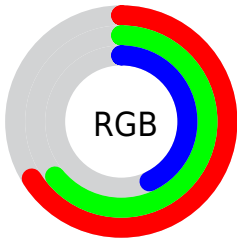
Format	Color
RYB	117, 168, 110
Decimal	11051630
CIELab	66.00, -5.93, 27.87
CIELCh	66, 28.491, 102.008
Yxy	35.3238, 0.3662, 0.4054
Android (android.graphics.Color)	4289241710 (0xFFA8A26E)
YUV	157.8660, -23.5979, 8.8875
Hunter-Lab	59.4338, -8.1630, 21.7455

Details

The CIELCh color **66, 28.491, 102.008** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **50, 30.414, 290.272**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 28.668, 102.188**, and **46, 28.957, 102.402** is the 20% darker color. If you saturate the color by 10%, you get **65, 36.506, 100.948**, and if you desaturate by 10%, it is **67, 20.299, 103.078**.

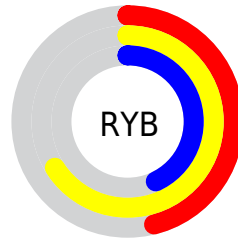
Distribution



Red (66%)

Green (64%)

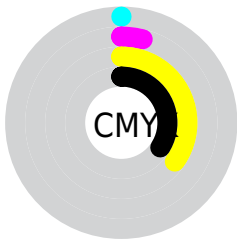
Blue (43%)



Red (46%)

Yellow (66%)

Blue (43%)

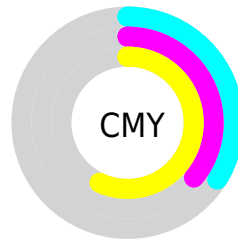


Cyan (0%)

Magenta (4%)

Yellow (35%)

Black (34%)



Cyan (34%)

Magenta (36%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 28.491, 102.008 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, 28.491, 102.008 by changing the saturation by 10% instead.

 66, 28.491,
102.008


 66, 28.491,
102.008


 100, 28.491,
102.008


 56, 28.491,
102.008


 86, 28.491,
102.008

 46, 28.491,
102.008

 96, 28.491,
102.008

 36, 28.491,
102.008

 26, 28.491,
102.008

 16, 28.491,
102.008

 6, 28.491, 102.008

 0, 28.491, 102.008

66, 28.491,
102.008

66, 28.491,
102.008

65, 36.506,
100.948

67, 20.299,
103.078

65, 44.183, 99.904

68, 12.026,
104.134

64, 51.271, 98.895

68, 3.731, 105.155

63, 57.399, 97.940

69, 4.550, 286.211

63, 62.093, 97.052

70, 12.794,
287.173

62, 64.907, 96.228

62, 65.985, 95.793

71, 20.989,
288.107

72, 29.126,
289.001

74, 37.199,
289.851

■ 74, 41.832,
290.013

Harmonies

Complementary

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



66, 28.491, 102.008



50, 30.414, 290.272

Rectangle

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



66, 28.491, 102.008



66, 28.491, 152.008



66, 28.491, 282.008



66, 28.491, 332.008

Sweetspot

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



66, 28.492, 102.012



86, 10.286, 104.583



53, 24.670, 13.540



46, 7.008, 104.444



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 28.492, 102.012



83, 41.848, 101.241



66, 32.810, 123.138



35, 4.692, 104.675



55, 60.111, 95.873



5, 8.251, 103.737

Inverse Universe

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



50, 30.414, 290.272



60, 45.493, 291.597



51, 34.877, 306.911



33, 4.772, 286.662



18, 83.901, 304.592



1, 8.720, 286.332

Previews

White Background



This preview shows how the CIELCh color 66, 28.491, 102.008 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, 28.491, 102.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

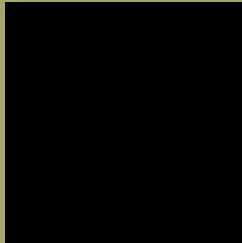
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 28.491, 102.008

Background



This preview shows how black text looks on a background with the CIELCh color 66, 28.491, 102.008.



This preview shows how white text looks on a background with the CIELCh color 66, 28.491, 102.008.

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, 28.491, 102.008

Protanopia

66, 28.568, 95.062

Deuteranopia

66, 28.263, 72.206



Tritanopia
66, 10.137, 339.458

Trichromacy



Original Color
66, 28.491, 102.008

Protanomaly
66, 28.808, 97.741

Deuteranomaly
66, 27.508, 82.498

Tritanomaly
66, 8.664, 69.368

Monochromacy



Original Color
66, 28.491, 102.008

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 10.010, 102.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 28.491, 102.008 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(168, 162, 110)` looks like.

```
.text, #text, p{  
    color:rgb(168, 162, 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(168, 162, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 162, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 28.491, 102.008 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(168, 162, 110) }
```

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

```
.border{ border-color:rgb(168, 162, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 162, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 162, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 162, 110);  
box-shadow:4px 4px 4px 4px rgb(168, 162,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 28.491, 102.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 162, 110) }
```

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

```
.background{ background-color: rgb(168,  
162, 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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