

Converting Colors

CIELCh(66, 11.696, 284.352)

Have a look what the booklet for
CIELCh(66, 11.696, 284.352)
contains.

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Color

CIELCh(66, 11.696, 284.352)

Conversions

Conversions Part 1

Format	Color
Hex	9CA0B5
RGB	156, 160, 181
RGB Percent	61%, 63%, 71%
CMY	0.3900, 0.3743, 0.2920
CMYK	0.14, 0.12, 0.00, 0.29
HSL	230°, 14%, 66%
HSV	230°, 14%, 71%
XYZ	34.4072, 35.3238, 48.4702
YIQ	161.1980, -9.1250, 5.6830

Conversions

Conversions Part 2

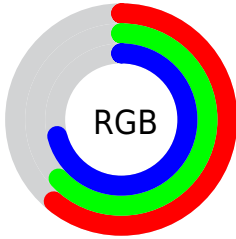
Format	Color
RYB	156, 159, 181
Decimal	10264757
CIELab	66.00, 2.90, -11.33
CIElCh	66, 11.696, 284.352
Yxy	35.3238, 0.2911, 0.2988
Android (android.graphics.Color)	4288454837 (0xFF9CA0B5)
YUV	161.1980, 9.7624, -4.5586
Hunter-Lab	59.4338, -0.6727, -6.7492

Details

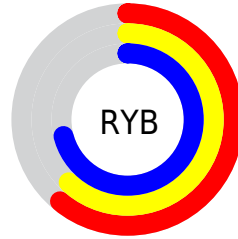
The CIELCh color **66, 11.696, 284.352** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 11.472, 101.178**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 11.598, 284.342**, and **46, 11.349, 284.087** is the 20% darker color. If you saturate the color by 10%, you get **61, 20.468, 285.768**, and if you desaturate by 10%, it is **71, 3.201, 283.156**.

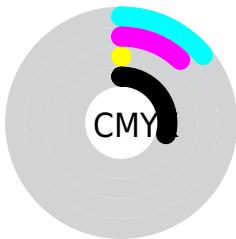
Distribution



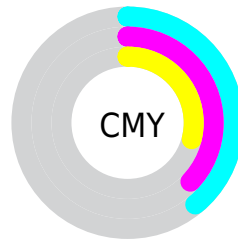
- Red (61%)
- Green (63%)
- Blue (71%)



- Red (61%)
- Yellow (62%)
- Blue (71%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)



- Cyan (39%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 11.696, 284.352 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, 11.696, 284.352 by changing the saturation by 10% instead.

■ 66, 11.696,
284.352

■ 66, 11.696,
284.352

■ 100, 11.696,
284.352

■ 56, 11.696,
284.352

■ 86, 11.696,
284.352

■ 46, 11.696,
284.352

■ 96, 11.696,
284.352

■ 36, 11.696,
284.352

■ 26, 11.696,
284.352

■ 16, 11.696,
284.352

■ 6, 11.696, 284.352

■ 0, 11.696, 284.352

66, 11.696,
284.352

66, 11.696,
284.352

61, 20.468,
285.768

71, 3.201, 283.156

55, 29.545,
287.432

77, 5.033, 102.044

50, 38.953,
289.371

82, 13.025,
101.155

44, 48.714,
291.604

88, 20.787,
100.373

39, 58.817,
294.123

93, 28.333, 99.690

34, 69.153,
296.858

97, 35.324,
104.642

30, 79.392,
299.653

98, 37.383,
107.327

26, 88.834,

302.260

■ 24, 93.847,
303.583

Harmonies

Complementary

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



66, 11.696, 284.352



72, 11.472, 101.178

Rectangle

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



66, 11.696, 284.352



66, 11.696, 334.352



66, 11.696, 104.352



66, 11.696, 154.352

Sweetspot

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



66, 11.695, 284.348



90, 4.126, 283.179



72, 9.413, 184.690



47, 2.932, 283.258



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 11.695, 284.348



81, 17.868, 284.812



66, 14.264, 303.834



35, 4.709, 283.777



20, 82.230, 303.286



1, 11.710, 284.630

Inverse Universe

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



66, 9.975, 7.578



82, 15.306, 7.959



72, 13.909, 122.308



35, 3.992, 7.100



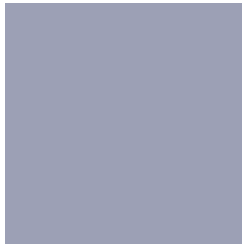
31, 64.643, 31.458



2, 9.324, 9.233

Previews

White Background



This preview shows how the CIELCh color 66, 11.696, 284.352 looks on a white background.

Color Contrast Check

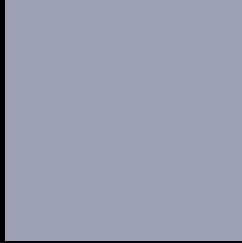
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 11.696, 284.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

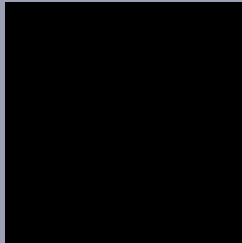
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 11.696, 284.352

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.696, 284.352.



This preview shows how white text looks on a background with the CIELCh color 66, 11.696, 284.352.

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, 11.696, 284.352

Protanopia

66, 11.657, 287.857

Deuteranopia

66, 14.408, 306.204



Tritanopia
66, 7.074, 269.700

Trichromacy



Original Color
66, 11.696, 284.352

Protanomaly
66, 11.678, 286.102

Deuteranomaly
66, 13.483, 299.259

Tritanomaly
66, 9.018, 279.510

Monochromacy



Original Color
66, 11.696, 284.352

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.447, 285.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.696, 284.352 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(156, 160, 181)` looks like.

```
.text, #text, p{  
    color:rgb(156, 160, 181)  
}
```

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(156, 160, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 160, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.696, 284.352 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(156, 160, 181) }
```

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

```
.border{ border-color:rgb(156, 160, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 160, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 160, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 160, 181);  
box-shadow:4px 4px 4px 4px rgb(156, 160,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.696, 284.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 160, 181) }
```

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

```
.background{ background-color: rgb(156,  
160, 181) }
```

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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