

Converting Colors

CIELCh(66, 11.461, 227.704)

Have a look what the booklet for
CIELCh(66, 11.461, 227.704)
contains.

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Color

CIELCh(66, 11.469, 227.714)

Conversions

Conversions Part 1

Format	Color
Hex	88A5AF
RGB	136, 165, 175
RGB Percent	53%, 65%, 69%
CMY	0.4660, 0.3522, 0.3130
CMYK	0.22, 0.06, 0.00, 0.31
HSL	195°, 20%, 61%
HSV	195°, 22%, 69%
XYZ	31.4228, 35.3238, 45.8102
YIQ	157.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

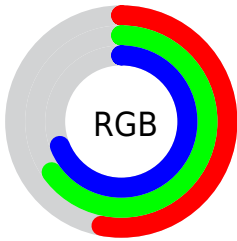
Format	Color
RYB	136, 153, 175
Decimal	8955311
CIELab	66.00, -7.72, -8.48
CIELCh	66, 11.469, 227.714
Yxy	35.3238, 0.2792, 0.3138
Android (android.graphics.Color)	4287145391 (0xFF88A5AF)
YUV	157.4690, 8.6428, -18.8283
Hunter-Lab	59.4338, -9.6357, -4.0957

Details

The CIELCh color **66, 11.469, 227.714** is a light color, and the websafe version is hex **669999**. A complement of this color would be **63, 13.161, 45.261**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 11.555, 228.924**, and **46, 11.630, 229.389** is the 20% darker color. If you saturate the color by 10%, you get **64, 16.107, 228.713**, and if you desaturate by 10%, it is **68, 6.486, 226.961**.

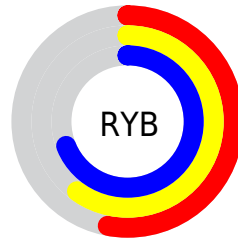
Distribution



Red (53%)

Green (65%)

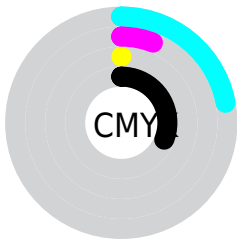
Blue (69%)



Red (53%)

Yellow (60%)

Blue (69%)

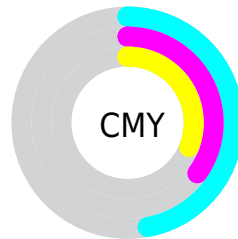


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (47%)


Magenta (35%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 11.469, 227.714 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, 11.469, 227.714 by changing the saturation by 10% instead.


 66, 11.469,
227.714


 66, 11.469,
227.714


 100, 11.469,
227.714


 56, 11.469,
227.714


 86, 11.469,
227.714

 46, 11.469,
227.714

 96, 11.469,
227.714

 36, 11.469,
227.714

 26, 11.469,
227.714

 16, 11.469,
227.714

 6, 11.469, 227.714

 0, 11.469, 227.714

66, 11.469,
227.714

66, 11.469,
227.714

64, 16.107,
228.713

68, 6.486, 226.961

61, 20.328,
230.027

71, 1.227, 226.686

74, 4.249, 45.745

59, 24.066,
231.720

76, 9.889, 45.484

57, 27.265,
233.876

79, 15.648, 45.266

82, 21.491, 45.110

55, 29.901,
236.586

84, 25.979, 46.314

54, 31.994,
239.930

85, 25.570, 52.412

86, 25.467, 58.630

52, 33.624,
243.951

51, 34.735,

247.355

Harmonies

Complementary

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



66, 11.469, 227.714



63, 13.161, 45.261

Rectangle

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



66, 11.469, 227.714



66, 11.469, 277.714



66, 11.469, 47.714



66, 11.469, 97.714

Sweetspot

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



66, 11.469, 227.707



88, 4.624, 226.688



68, 21.958, 150.727



47, 3.025, 226.713



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, 11.469, 227.707



82, 16.901, 228.195



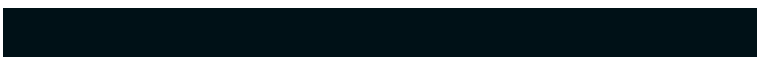
61, 16.746, 280.252



35, 2.990, 226.791



44, 30.944, 246.722



4, 6.393, 236.572

Inverse Universe

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



61, 21.995, 334.048



75, 32.936, 334.421



68, 16.500, 94.580



34, 5.510, 333.147



33, 64.288, 341.514



2, 10.885, 335.958

Previews

White Background



This preview shows how the CIELCh color 66, 11.469, 227.714 looks on a white background.

Color Contrast Check

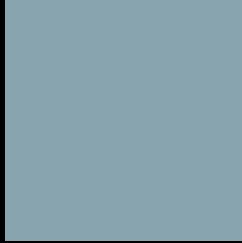
Large Text (above 18pt) WCAG AA × Fail

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, 11.469, 227.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

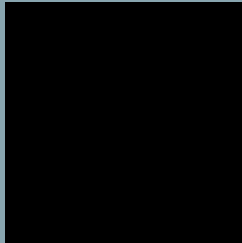
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

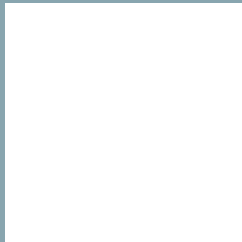
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 11.469, 227.714

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.469, 227.714.



This preview shows how white text looks on a background with the CIELCh color 66, 11.469, 227.714.

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, 11.469, 227.714

Protanopia

66, 6.676, 294.059

Deuteranopia

66, 12.525, 312.015



Tritanopia
66, 11.972, 235.921

Trichromacy



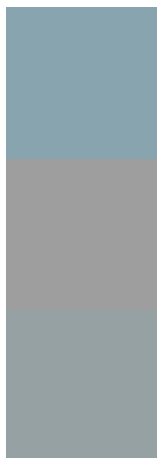
Original Color
66, 11.469, 227.714

Protanomaly
66, 7.507, 261.928

Deuteranomaly
66, 9.475, 284.569

Tritanomaly
66, 11.688, 233.577

Monochromacy



Original Color
66, 11.469, 227.714

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.382, 221.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.469, 227.714 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(136, 165, 175)` looks like.

```
.text, #text, p{  
    color:rgb(136, 165, 175)  
}
```

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(136, 165, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 165, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.469, 227.714 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(136, 165, 175) }
```

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

```
.border{ border-color:rgb(136, 165, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 165, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 165, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 165, 175);  
box-shadow:4px 4px 4px 4px rgb(136, 165,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.469, 227.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 165, 175) }
```

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

```
.background{ background-color: rgb(136,  
165, 175) }
```

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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