

Converting Colors

CIELCh(66, 11.996, 210.036)

Have a look what the booklet for
CIELCh(66, 11.996, 210.036)
contains.

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Color

CIELCh(66, 11.934, 211.982)

Conversions

Conversions Part 1

Format	Color
Hex	85A6AB
RGB	133, 166, 171
RGB Percent	52%, 65%, 67%
CMY	0.4774, 0.3480, 0.3284
CMYK	0.22, 0.03, 0.00, 0.33
HSL	188°, 18%, 60%
HSV	188°, 22%, 67%
XYZ	30.7714, 35.3238, 43.8544
YIQ	156.7030, -21.2730, -5.4410

Conversions

Conversions Part 2

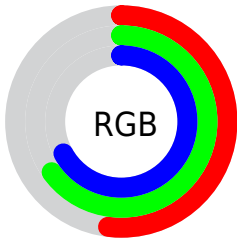
Format	Color
RYB	133, 151, 171
Decimal	8758955
CIELab	66.00, -10.12, -6.32
CIElCh	66, 11.934, 211.982
Yxy	35.3238, 0.2799, 0.3213
Android (android.graphics.Color)	4286949035 (0xFF85A6AB)
YUV	156.7030, 7.0484, -20.7875
Hunter-Lab	59.4338, -11.5923, -2.1446

Details

The CIELCh color **66, 11.934, 211.982** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 13.864, 32.281**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 11.830, 211.547**, and **46, 12.036, 212.577** is the 20% darker color. If you saturate the color by 10%, you get **64, 16.691, 212.199**, and if you desaturate by 10%, it is **68, 6.758, 211.909**.

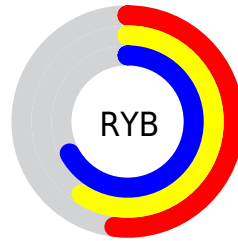
Distribution



Red (52%)

Green (65%)

Blue (67%)



Red (52%)

Yellow (59%)

Blue (67%)

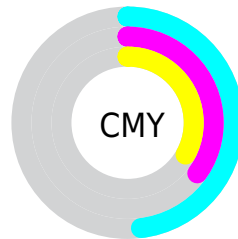


Cyan (22%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (48%)


Magenta (35%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 11.934, 211.982 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, 11.934, 211.982 by changing the saturation by 10% instead.


 66, 11.934,
211.982


 66, 11.934,
211.982


 100, 11.934,
211.982


 56, 11.934,
211.982


 86, 11.934,
211.982

 46, 11.934,
211.982

 96, 11.934,
211.982

 36, 11.934,
211.982

 26, 11.934,
211.982

 16, 11.934,
211.982

 6, 11.934, 211.982

 0, 11.934, 211.982

66, 11.934,
211.982

66, 11.934,
211.982

64, 16.691,
212.199

68, 6.758, 211.909

63, 20.937,
212.599

70, 1.246, 212.243

72, 4.524, 31.832

61, 24.588,
213.214

74, 10.488, 32.053

60, 27.567,
214.090

76, 16.590, 32.278

78, 22.784, 32.530

59, 29.825,
215.277

80, 29.036, 32.803

58, 31.350,
216.830

81, 29.204, 35.015

82, 28.681, 37.556

57, 32.185,
218.797

56, 32.526,

Harmonies

Complementary

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



66, 11.934, 211.982



60, 13.864, 32.281

Rectangle

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



66, 11.934, 211.982



66, 11.934, 261.982



66, 11.934, 31.982



66, 11.934, 81.982

Sweetspot

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



66, 11.934, 211.975



87, 4.853, 211.953



67, 23.677, 146.300



46, 3.174, 211.944



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 11.934, 211.975



82, 17.594, 212.073



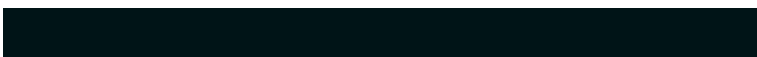
61, 14.017, 270.153



36, 3.194, 211.924



50, 29.586, 220.268



5, 6.670, 217.750

Inverse Universe

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



60, 23.479, 329.543



74, 35.251, 329.864



65, 14.284, 84.086



34, 6.020, 328.763



34, 70.444, 334.160



2, 12.180, 330.002

Previews

White Background



This preview shows how the CIELCh color 66, 11.934, 211.982 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, 11.934, 211.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

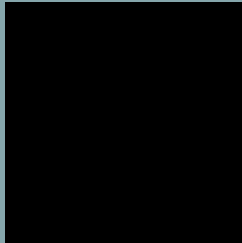
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

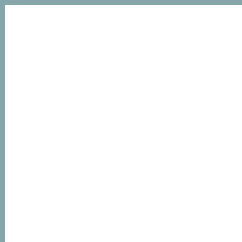
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 11.934, 211.982

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.934, 211.982.

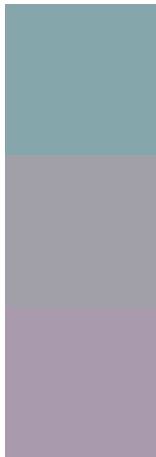


This preview shows how white text looks on a background with the CIELCh color 66, 11.934, 211.982.

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

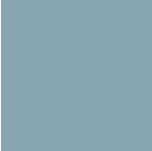
66, 11.934, 211.982

Protanopia

66, 4.515, 300.199

Deuteranopia

66, 11.331, 318.572



Tritanopia
66, 12.502, 234.070

Trichromacy



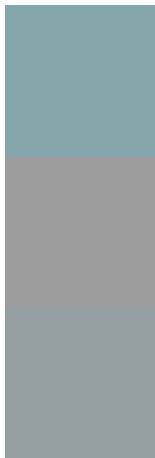
Original Color
66, 11.934, 211.982

Protanomaly
66, 5.540, 243.762

Deuteranomaly
66, 7.279, 282.244

Tritanomaly
66, 12.270, 228.592

Monochromacy



Original Color
66, 11.934, 211.982

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.583, 213.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.934, 211.982 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(133, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(133, 166, 171)  
}
```

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(133, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 166, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.934, 211.982 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(133, 166, 171) }
```

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

```
.border{ border-color:rgb(133, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(133, 166,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.934, 211.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 166, 171) }
```

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

```
.background{ background-color: rgb(133,  
166, 171) }
```

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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