

Converting Colors

CIELCh(66, 11.976, 244.605)

Have a look what the booklet for
CIELCh(66, 11.976, 244.605)
contains.

CIELCh(66, 11.879, 243.506)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 11.879, 243.506)

Conversions

Conversions Part 1

Format	Color
Hex	8BA4B3
RGB	139, 164, 179
RGB Percent	55%, 64%, 70%
CMY	0.4547, 0.3566, 0.2978
CMYK	0.22, 0.08, 0.00, 0.30
HSL	202°, 21%, 62%
HSV	202°, 22%, 70%
XYZ	32.0866, 35.3238, 47.8072
YIQ	158.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

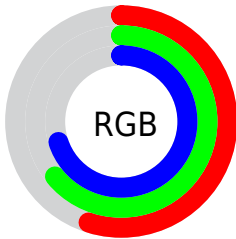
Format	Color
R_{YB}	139, 154, 179
Decimal	9151667
CIE Lab	66.00, -5.30, -10.63
CIE LCh	66, 11.879, 243.506
Yxy	35.3238, 0.2785, 0.3066
Android (android.graphics.Color)	4287341747 (0xFF8BA4B3)
YUV	158.2350, 10.2371, -16.8691
Hunter-Lab	59.4338, -7.6422, -6.0878

Details

The CIELCh color `66, 11.879, 243.506` is a light color, and the websafe version is hex `999999`. A complement of this color would be `65, 13.196, 58.773`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 11.972, 243.696`, and `46, 11.831, 243.707` is the 20% darker color. If you saturate the color by 10%, you get `63, 16.848, 245.107`, and if you desaturate by 10%, it is `69, 6.676, 242.208`.

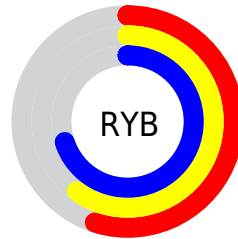
Distribution



Red (55%)

Green (64%)

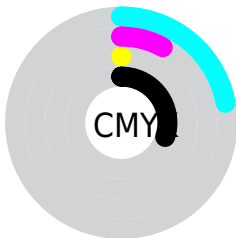
Blue (70%)



Red (55%)

Yellow (60%)

Blue (70%)

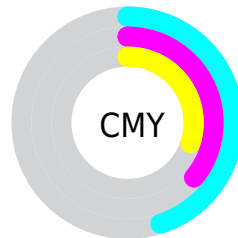


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 11.879, 243.506 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, 11.879, 243.506 by changing the saturation by 10% instead.

■ 66, 11.879,
243.506

■ 66, 11.879,
243.506

■ 100, 11.879,
243.506

■ 56, 11.879,
243.506

■ 86, 11.879,
243.506

■ 46, 11.879,
243.506

■ 96, 11.879,
243.506

■ 36, 11.879,
243.506

■ 26, 11.879,
243.506

■ 16, 11.879,
243.506

■ 6, 11.879, 243.506

■ 0, 11.879, 243.506

66, 11.879,
243.506

66, 11.879,
243.506

63, 16.848,
245.107

69, 6.676, 242.208

72, 1.287, 241.394

60, 21.539,
247.087

75, 4.245, 60.075

57, 25.913,
249.513

79, 9.882, 59.397

54, 29.949,
252.465

82, 15.593, 58.801

85, 21.352, 58.294

52, 33.659,
256.005

88, 24.222, 63.234

49, 37.099,
260.158

89, 25.002, 72.694

91, 26.424, 81.317

47, 40.378,
264.872

45, 42.918,

268.613

Harmonies

Complementary

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



66, 11.879, 243.506



65, 13.196, 58.773

Rectangle

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



66, 11.879, 243.506



66, 11.879, 293.506



66, 11.879, 63.506



66, 11.879, 113.506

Sweetspot

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



66, 11.878, 243.500



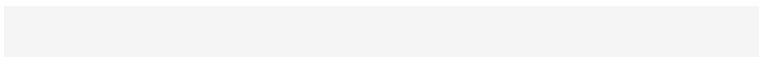
89, 4.715, 241.663



70, 20.533, 155.346



48, 3.085, 241.718



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, 11.878, 243.500



82, 17.548, 244.280



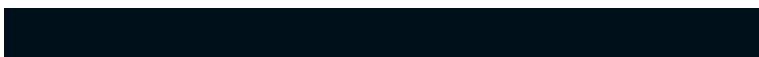
61, 19.597, 286.917



36, 3.071, 241.879



39, 37.877, 267.921



4, 7.938, 253.823

Inverse Universe

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



62, 20.694, 339.175



76, 30.922, 339.614



71, 18.917, 101.724



35, 5.186, 338.123



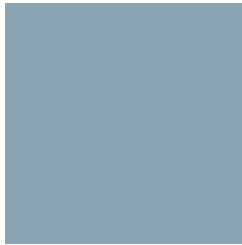
33, 60.560, 350.326



2, 11.509, 342.878

Previews

White Background



This preview shows how the CIELCh color 66, 11.879, 243.506 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, 11.879, 243.506 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

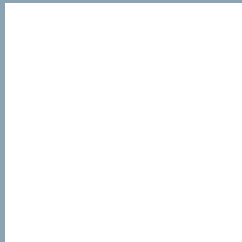
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 11.879, 243.506

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.879, 243.506.

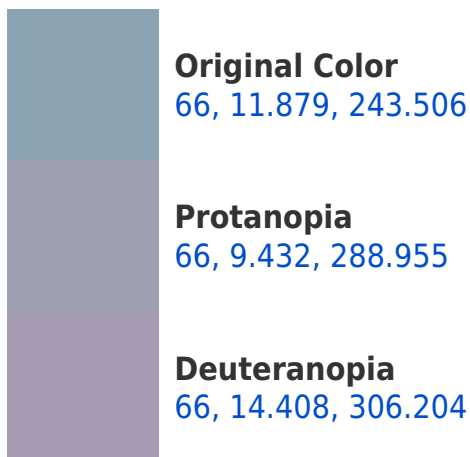


This preview shows how white text looks on a background with the CIELCh color 66, 11.879, 243.506.

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





Tritanopia
66, 11.203, 239.062

Trichromacy



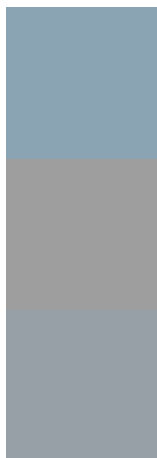
Original Color
66, 11.879, 243.506

Protanomaly
66, 9.488, 268.841

Deuteranomaly
66, 11.678, 286.102

Tritanomaly
66, 11.533, 241.348

Monochromacy



Original Color
66, 11.879, 243.506

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.664, 244.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.879, 243.506 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(139, 164, 179)` looks like.

```
.text, #text, p{  
    color:rgb(139, 164, 179)  
}
```

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(139, 164, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 164, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.879, 243.506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

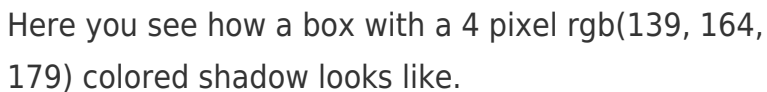
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 164, 179) }
```

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

```
.border{ border-color:rgb(139, 164, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 164, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 164, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 164, 179); box-shadow:4px 4px 4px 4px rgb(139, 164, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.879, 243.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 164, 179) }
```

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

```
.background{ background-color: rgb(139,  
164, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor