

Converting Colors

CIELCh(66, 19.125, 280.784)

Have a look what the booklet for
CIELCh(66, 19.125, 280.784)
contains.

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Color

CIELCh(66, 19.108, 280.785)

Conversions

Conversions Part 1

Format	Color
Hex	95A0C2
RGB	149, 160, 194
RGB Percent	58%, 63%, 76%
CMY	0.4165, 0.3734, 0.2401
CMYK	0.23, 0.18, 0.00, 0.24
HSL	225°, 27%, 67%
HSV	225°, 23%, 76%
XYZ	34.6035, 35.3238, 55.9048
YIQ	160.5870, -17.4700, 8.2420

Conversions

Conversions Part 2

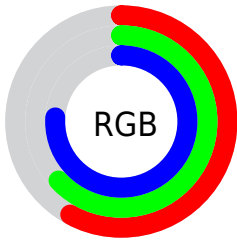
Format	Color
R _Y B	149, 158, 194
Decimal	9806018
CIE Lab	66.00, 3.58, -18.77
CIE LCh	66, 19.108, 280.785
Yxy	35.3238, 0.2750, 0.2807
Android (android.graphics.Color)	4287996098 (0xFF95A0C2)
YUV	160.5870, 16.4726, -10.1618
Hunter-Lab	59.4338, -0.0832, -14.1658

Details

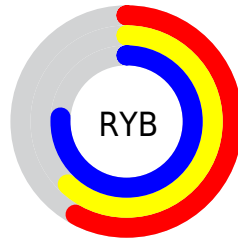
The CIELCh color `66, 19.108, 280.785` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `74, 18.789, 94.819`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 19.144, 280.790`, and `46, 18.749, 279.667` is the 20% darker color. If you saturate the color by 10%, you get `61, 27.699, 282.542`, and if you desaturate by 10%, it is `71, 10.743, 279.282`.

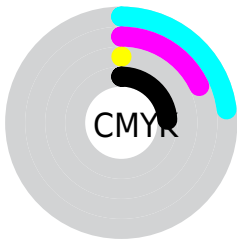
Distribution



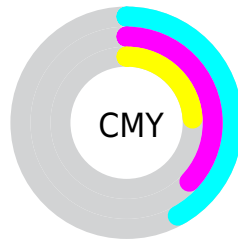
- Red (58%)
- Green (63%)
- Blue (76%)



- Red (58%)
- Yellow (62%)
- Blue (76%)



- Cyan (23%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)





- Cyan (42%)
- Magenta (37%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 19.108, 280.785 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, 19.108, 280.785 by changing the saturation by 10% instead.


 66, 19.108,
280.785


 66, 19.108,
280.785


 100, 19.108,
280.785


 56, 19.108,
280.785


 86, 19.108,
280.785

 46, 19.108,
280.785

 96, 19.108,
280.785

 36, 19.108,
280.785

 26, 19.108,
280.785

 16, 19.108,
280.785

 6, 19.108, 280.785

 0, 19.108, 280.785

66, 19.108,
280.785

66, 19.108,
280.785

61, 27.699,
282.542

71, 10.743,
279.282

55, 36.542,
284.594

77, 2.589, 278.040

82, 5.365, 96.822

50, 45.665,
286.969

87, 13.129, 95.876

45, 55.090,
289.676

92, 20.711, 95.038

40, 64.806,
292.673

97, 27.438,
102.179

36, 74.693,
295.848

99, 30.832,
107.833

32, 84.413,
298.998

29, 90.628,

300.925

Harmonies

Complementary

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



66, 19.108, 280.785



74, 18.789, 94.819

Rectangle

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



66, 19.108, 280.785



66, 19.108, 330.785



66, 19.108, 100.785



66, 19.108, 150.785

Sweetspot

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



66, 19.107, 280.783



95, 7.004, 278.483



75, 17.199, 177.347



50, 4.591, 278.559



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 19.107, 280.783



81, 28.757, 281.668



64, 25.524, 301.561



38, 4.587, 278.767



24, 77.831, 300.506



3, 16.191, 283.487

Inverse Universe

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



66, 18.599, 2.338



81, 28.085, 3.034



76, 24.334, 118.461



38, 4.404, 0.738



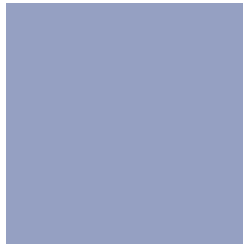
33, 63.667, 25.267



3, 14.419, 6.302

Previews

White Background



This preview shows how the CIELCh color 66, 19.108, 280.785 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, 19.108, 280.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

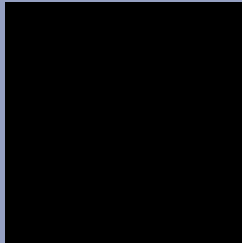
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

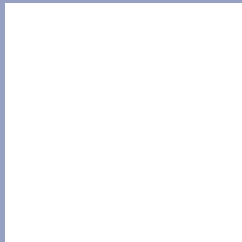
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 19.108, 280.785

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.108, 280.785.

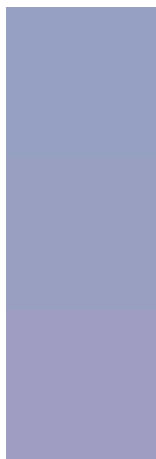


This preview shows how white text looks on a background with the CIELCh color 66, 19.108, 280.785.

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

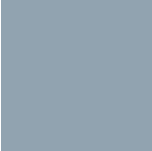
66, 19.108, 280.785

Protanopia

66, 18.913, 285.848

Deuteranopia

66, 20.565, 294.225



Tritanopia
66, 9.518, 248.444

Trichromacy



Original Color
66, 19.108, 280.785

Protanomaly
66, 18.983, 283.806

Deuteranomaly
66, 19.976, 289.273

Tritanomaly
66, 12.282, 264.054

Monochromacy



Original Color
66, 19.108, 280.785

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.787, 278.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.108, 280.785 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(149, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(149, 160, 194)  
}
```

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(149, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 160, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.108, 280.785 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(149, 160, 194) }
```

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

```
.border{ border-color:rgb(149, 160, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 160, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 160, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 160, 194);  
box-shadow:4px 4px 4px 4px rgb(149, 160,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.108, 280.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 160, 194) }
```

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

```
.background{ background-color: rgb(149,  
160, 194) }
```

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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