

Converting Colors

CIELCh(66, 18.148, 261.877)

Have a look what the booklet for
CIELCh(66, 18.148, 261.877)
contains.

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Color

CIELCh(66, 18.148, 261.877)

Conversions

Conversions Part 1

Format	Color
Hex	88A3C0
RGB	136, 163, 192
RGB Percent	53%, 64%, 75%
CMY	0.4659, 0.3600, 0.2463
CMYK	0.29, 0.15, 0.00, 0.25
HSL	211°, 31%, 64%
HSV	211°, 29%, 75%
XYZ	32.8488, 35.3238, 55.0665
YIQ	158.2330, -25.4010, 3.2950

Conversions

Conversions Part 2

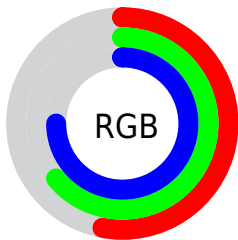
Format	Color
R_{YB}	136, 154, 192
Decimal	8954816
CIE _{Lab}	66.00, -2.56, -17.97
CIE _{LCh}	66, 18.148, 261.877
Yxy	35.3238, 0.2665, 0.2866
Android (android.graphics.Color)	4287144896 (0xFF88A3C0)
YUV	158.2330, 16.6471, -19.4983
Hunter-Lab	59.4338, -5.3532, -13.3295

Details

The CIELCh color $66, 18.148, 261.877$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $69, 19.478, 73.667$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 17.949, 260.798$, and $46, 18.143, 261.819$ is the 20% darker color. If you saturate the color by 10%, you get $62, 24.242, 264.013$, and if you desaturate by 10%, it is $70, 11.973, 260.077$.

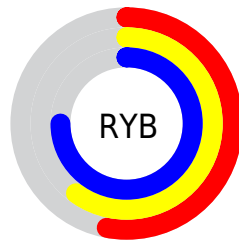
Distribution



Red (53%)

Green (64%)

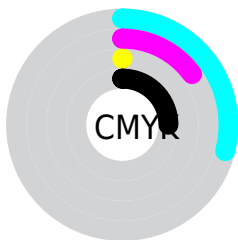
Blue (75%)



Red (53%)

Yellow (60%)

Blue (75%)

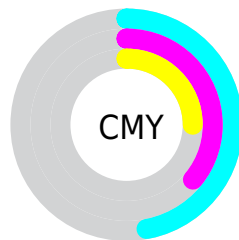


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (47%)


Magenta (36%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 18.148, 261.877 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, 18.148, 261.877 by changing the saturation by 10% instead.


 66, 18.148,
261.877


 66, 18.148,
261.877


 100, 18.148,
261.877


 56, 18.148,
261.877


 86, 18.148,
261.877

 46, 18.148,
261.877

 96, 18.148,
261.877

 36, 18.148,
261.877

 26, 18.148,
261.877

 16, 18.148,
261.877

 6, 18.148, 261.877

 0, 18.148, 261.877

66, 18.148,
261.877

66, 18.148,
261.877

62, 24.242,
264.013

70, 11.973,
260.077

58, 30.250,
266.548

74, 5.740, 258.581

78, 0.533, 76.581

54, 36.178,
269.529

82, 6.825, 76.068

51, 42.058,
272.986

86, 13.115, 75.140

47, 47.953,
276.899

90, 19.388, 74.325

93, 22.576, 86.355

44, 53.945,
281.174

96, 26.185, 97.884

41, 60.122,
285.555

98, 30.568,
106.241

41, 60.667,

Harmonies

Complementary

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



66, 18.148, 261.877



69, 19.478, 73.667

Rectangle

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



66, 18.148, 261.877



66, 18.148, 311.877



66, 18.148, 81.877



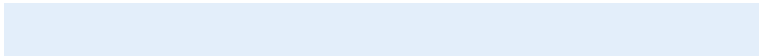
66, 18.148, 131.877

Sweetspot

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



66, 18.147, 261.874



94, 6.995, 258.581



73, 25.180, 161.861



49, 4.857, 258.781



99, 0.012, 296.813



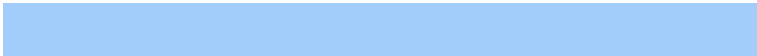
52, 0.007, 296.813

Same Dimension

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



66, 18.147, 261.874



81, 26.885, 263.204



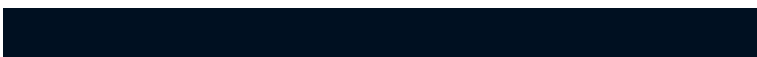
59, 31.815, 294.258



39, 3.584, 258.612



34, 52.408, 285.270



4, 13.068, 270.854

Inverse Universe

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



63, 26.159, 347.356



76, 38.946, 348.106



76, 29.666, 108.113



38, 5.031, 345.367



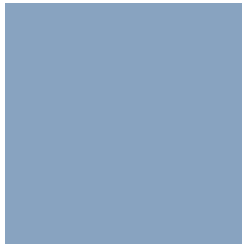
34, 59.887, 3.187



3, 15.679, 353.402

Previews

White Background



This preview shows how the CIELCh color 66, 18.148, 261.877 looks on a white background.

Color Contrast Check

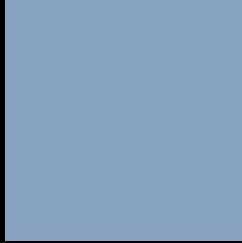
Large Text (above 18pt) WCAG AA × Fail

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, 18.148, 261.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

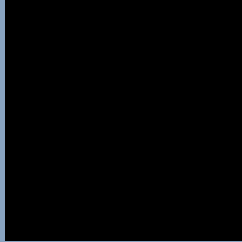
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

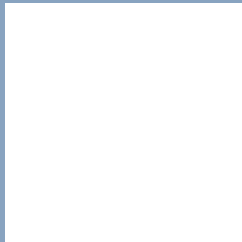
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 18.148, 261.877

Background



This preview shows how black text looks on a background with the CIELCh color 66, 18.148, 261.877.



This preview shows how white text looks on a background with the CIELCh color 66, 18.148, 261.877.

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

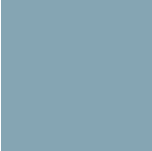
66, 18.148, 261.877

Protanopia

66, 16.687, 285.897

Deuteranopia

66, 20.565, 294.225



Tritanopia
66, 13.308, 234.531

Trichromacy



Original Color
66, 18.148, 261.877

Protanomaly
66, 16.554, 276.118

Deuteranomaly
66, 18.983, 283.806

Tritanomaly
66, 14.831, 247.507

Monochromacy



Original Color
66, 18.148, 261.877

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.579, 257.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 18.148, 261.877 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, 163, 192)` looks like.

```
.text, #text, p{  
    color:rgb(136, 163, 192)  
}
```

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, 163, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 163, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 18.148, 261.877 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, 163, 192) }
```

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

```
.border{ border-color:rgb(136, 163, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 163, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 163, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 163, 192);  
box-shadow:4px 4px 4px 4px rgb(136, 163,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 18.148, 261.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 163, 192) }
```

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

```
.background{ background-color: rgb(136,  
163, 192) }
```

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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