

Converting Colors

CIELCh(67, 18.890, 268.861)

Have a look what the booklet for
CIELCh(67, 18.890, 268.861)
contains.

CIELCh(67, 18.911, 268.980)	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(67, 18.911, 268.980)

Conversions

Conversions Part 1

Format	Color
Hex	8FA5C5
RGB	143, 165, 197
RGB Percent	56%, 65%, 77%
CMY	0.4404, 0.3541, 0.2287
CMYK	0.27, 0.16, 0.00, 0.23
HSL	216°, 32%, 67%
HSV	216°, 27%, 77%
XYZ	34.7194, 36.6320, 57.8772
YIQ	162.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

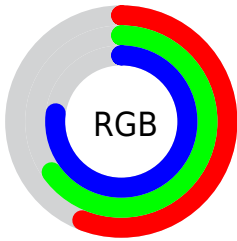
Format	Color
RYB	143, 159, 197
Decimal	9414085
CIELab	67.00, -0.34, -18.91
CIElCh	67, 18.911, 268.980
Yxy	36.6320, 0.2687, 0.2835
Android (android.graphics.Color)	4287604165 (0xFF8FA5C5)
YUV	162.0700, 17.2205, -16.7244
Hunter-Lab	60.5244, -3.5223, -14.3298

Details

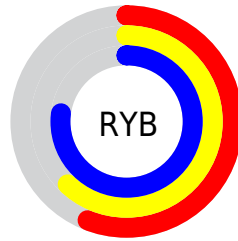
The CIELCh color $67, 18.911, 268.980$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 19.559, 81.165$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 18.981, 269.382$, and $47, 18.989, 269.160$ is the 20% darker color. If you saturate the color by 10%, you get $63, 25.854, 271.041$, and if you desaturate by 10%, it is $72, 11.993, 267.227$.

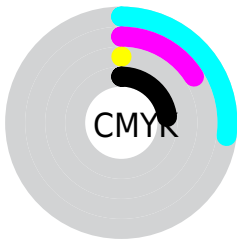
Distribution



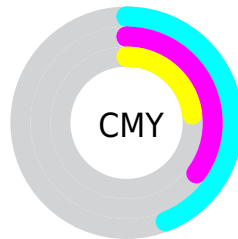
- Red (56%)
- Green (65%)
- Blue (77%)



- Red (56%)
- Yellow (62%)
- Blue (77%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)
- Black (23%)



- Cyan (44%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 18.911, 268.980 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 67, 18.911, 268.980 by changing the saturation by 10% instead.

■ 67, 18.911,
268.980

■ 67, 18.911,
268.980

■ 100, 18.911,
268.980

■ 57, 18.911,
268.980

■ 87, 18.911,
268.980

■ 47, 18.911,
268.980

■ 97, 18.911,
268.980

■ 37, 18.911,
268.980

■ 27, 18.911,
268.980

■ 17, 18.911,
268.980

■ 7, 18.911, 268.980

■ 0, 18.911, 268.980

67, 18.911,
268.980

67, 18.911,
268.980

63, 25.854,
271.041

72, 11.993,
267.227

58, 32.830,
273.464

76, 5.109, 265.759

81, 1.734, 84.248

54, 39.855,
276.288

85, 8.525, 83.275

50, 46.967,
279.531

90, 15.254, 82.329

46, 54.216,
283.166

94, 20.972, 86.852

97, 25.394,
100.715

42, 61.649,
287.095

99, 29.385,
107.944

38, 69.265,
291.110

37, 71.240,

Harmonies

Complementary

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



67, 18.911, 268.980



72, 19.559, 81.165

Rectangle

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



67, 18.911, 268.980



67, 18.911, 318.980



67, 18.911, 88.980



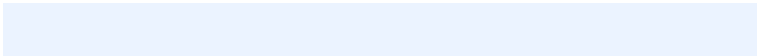
67, 18.911, 138.980

Sweetspot

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



67, 18.910, 268.977



96, 6.776, 265.849



75, 22.990, 165.792



50, 4.817, 266.057



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 18.910, 268.977



82, 28.107, 270.188



61, 30.476, 296.257



40, 3.927, 266.020



31, 61.133, 291.486



4, 15.513, 277.027

Inverse Universe

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



65, 24.053, 351.702



79, 35.856, 352.468



78, 28.569, 111.161



39, 4.902, 349.745



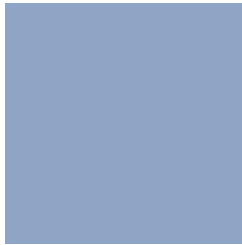
34, 60.612, 10.410



4, 17.097, 358.460

Previews

White Background



This preview shows how the CIELCh color 67, 18.911, 268.980 looks on a white background.

Color Contrast Check

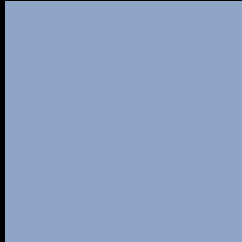
Large Text (above 18pt) WCAG AA × Fail

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 67, 18.911, 268.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

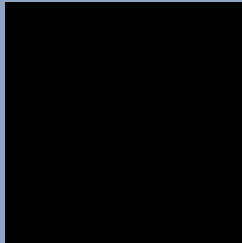
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 18.911, 268.980

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.911, 268.980.



This preview shows how white text looks on a background with the CIELCh color 67, 18.911, 268.980.

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

67, 18.911, 268.980

Protanopia

67, 18.295, 286.624

Deuteranopia

67, 21.621, 294.203



Tritanopia
67, 12.256, 238.124

Trichromacy



Original Color
67, 18.911, 268.980

Protanomaly
67, 18.528, 280.327

Deuteranomaly
67, 20.542, 285.599

Tritanomaly
67, 14.397, 253.003

Monochromacy



Original Color
67, 18.911, 268.980

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.188, 266.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.911, 268.980 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(143, 165, 197)` looks like.

```
.text, #text, p{  
    color:rgb(143, 165, 197)  
}
```

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(143, 165, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 165, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.911, 268.980 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(143, 165, 197) }
```

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

```
.border{ border-color:rgb(143, 165, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 165, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 165, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 165, 197);  
box-shadow:4px 4px 4px 4px rgb(143, 165,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.911, 268.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 165, 197) }
```

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

```
.background{ background-color: rgb(143,  
165, 197) }
```

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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