

Converting Colors

CIELCh(67, 16.720, 266.163)

Have a look what the booklet for
CIELCh(67, 16.720, 266.163)
contains.

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Color

CIELCh(67, 16.816, 266.605)

Conversions

Conversions Part 1

Format	Color
Hex	90A5C1
RGB	144, 165, 193
RGB Percent	56%, 65%, 76%
CMY	0.4357, 0.3534, 0.2436
CMYK	0.25, 0.15, 0.00, 0.24
HSL	214°, 28%, 66%
HSV	214°, 25%, 76%
XYZ	34.5277, 36.6320, 55.6331
YIQ	161.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

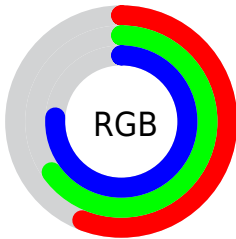
Format	Color
RYB	144, 159, 193
Decimal	9479617
CIELab	67.00, -1.00, -16.79
CIElCh	67, 16.816, 266.605
Yxy	36.6320, 0.2723, 0.2889
Android (android.graphics.Color)	4287669697 (0xFF90A5C1)
YUV	161.9130, 15.3259, -15.7097
Hunter-Lab	60.5244, -4.0878, -12.1315

Details

The CIELCh color **67, 16.816, 266.605** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **71, 17.483, 79.453**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 16.502, 266.541**, and **47, 16.779, 266.304** is the 20% darker color. If you saturate the color by 10%, you get **63, 23.440, 268.605**, and if you desaturate by 10%, it is **71, 10.190, 264.908**.

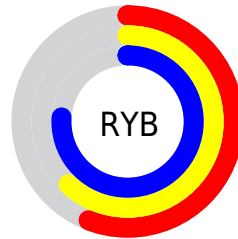
Distribution



Red (56%)

Green (65%)

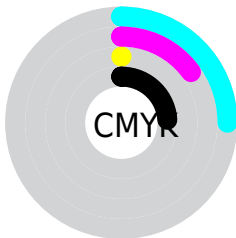
Blue (76%)



Red (56%)

Yellow (62%)

Blue (76%)

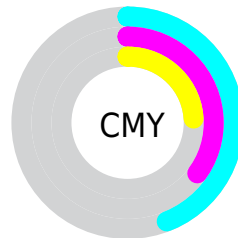


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (44%)


Magenta (35%)

Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.816, 266.605 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, 16.816, 266.605 by changing the saturation by 10% instead.


 67, 16.816,
266.605


 67, 16.816,
266.605


 100, 16.816,
266.605


 57, 16.816,
266.605


 87, 16.816,
266.605

 47, 16.816,
266.605

 97, 16.816,
266.605

 37, 16.816,
266.605

 27, 16.816,
266.605

 17, 16.816,
266.605

 7, 16.816, 266.605

 0, 16.816, 266.605

67, 16.816,
266.605

67, 16.816,
266.605

63, 23.440,
268.605

71, 10.190,
264.908

58, 30.062,
270.964

76, 3.574, 263.509

80, 3.020, 82.080

54, 36.692,
273.726

84, 9.580, 81.077

50, 43.359,
276.919

89, 16.092, 80.160

46, 50.115,
280.532

93, 21.702, 83.465

95, 25.525, 96.991

43, 57.020,
284.489

98, 30.358,
106.455

39, 64.108,
288.628

99, 31.279,
107.798

38, 67.440,

290.439

Harmonies

Complementary

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



67, 16.816, 266.605



71, 17.483, 79.453

Rectangle

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



67, 16.816, 266.605



67, 16.816, 316.605



67, 16.816, 86.605



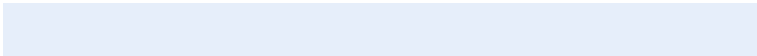
67, 16.816, 136.605

Sweetspot

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



67, 16.815, 266.602



94, 6.529, 263.854



74, 21.248, 165.043



49, 4.639, 264.061



99, 0.012, 296.813



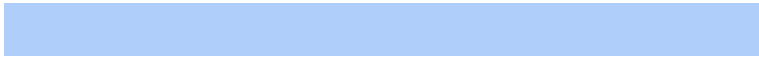
52, 0.007, 296.813

Same Dimension

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



67, 16.815, 266.602



82, 24.510, 267.576



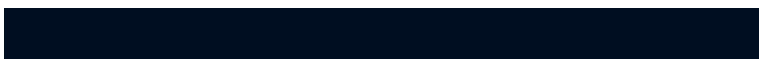
62, 27.627, 295.431



39, 3.764, 264.023



31, 58.056, 289.840



4, 13.807, 274.667

Inverse Universe

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



65, 22.123, 350.137



79, 32.364, 350.737



77, 26.034, 110.619



38, 4.861, 348.460



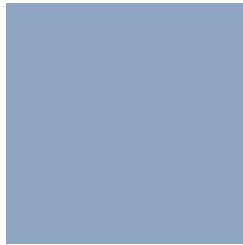
34, 59.790, 8.304



3, 15.281, 356.533

Previews

White Background



This preview shows how the CIELCh color 67, 16.816, 266.605 looks on a white background.

Color Contrast Check

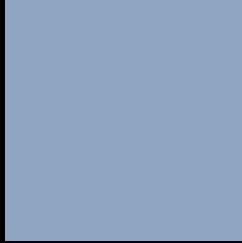
Large Text (above 18pt) WCAG AA × Fail

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 67, 16.816, 266.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

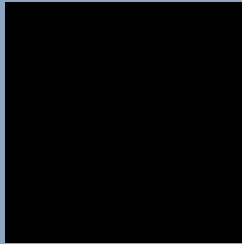
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

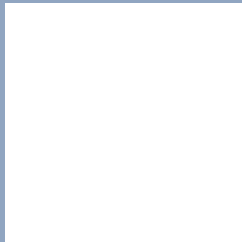
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 16.816, 266.605

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.816, 266.605.



This preview shows how white text looks on a background with the CIELCh color 67, 16.816, 266.605.

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, 16.816, 266.605

Protanopia

67, 16.624, 287.060

Deuteranopia

67, 19.460, 296.273



Tritanopia
67, 11.433, 237.927

Trichromacy



Original Color
67, 16.816, 266.605

Protanomaly
67, 16.856, 280.048

Deuteranomaly
67, 18.295, 286.624

Tritanomaly
67, 13.180, 252.080

Monochromacy



Original Color
67, 16.816, 266.605

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.203, 262.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.816, 266.605 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(144, 165, 193)` looks like.

```
.text, #text, p{  
    color:rgb(144, 165, 193)  
}
```

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(144, 165, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 165, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.816, 266.605 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(144, 165, 193) }
```

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

```
.border{ border-color:rgb(144, 165, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 165, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 165, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 165, 193);  
box-shadow:4px 4px 4px 4px rgb(144, 165,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.816, 266.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 165, 193) }
```

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

```
.background{ background-color: rgb(144,  
165, 193) }
```

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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