

Converting Colors

CIELCh(67, 21.317, 277.639)

Have a look what the booklet for
CIELCh(67, 21.317, 277.639)
contains.

CIELCh(67, 21.498, 277.917)	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, 21.498, 277.917)

Conversions

Conversions Part 1

Format	Color
Hex	93A3C9
RGB	147, 163, 201
RGB Percent	58%, 64%, 79%
CMY	0.4234, 0.3606, 0.2116
CMYK	0.27, 0.19, 0.00, 0.21
HSL	222°, 33%, 68%
HSV	222°, 27%, 79%
XYZ	35.6893, 36.6320, 60.4711
YIQ	162.5480, -21.7340, 8.4260

Conversions

Conversions Part 2

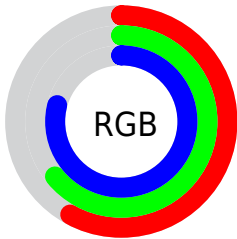
Format	Color
R_{YB}	147, 159, 201
Decimal	9675721
CIE _{Lab}	67.00, 2.96, -21.29
CIE _{LCh}	67, 21.498, 277.917
Yxy	36.6320, 0.2688, 0.2759
Android (android.graphics.Color)	4287865801 (0xFF93A3C9)
YUV	162.5480, 18.9568, -13.6356
Hunter-Lab	60.5244, -0.6618, -16.8708

Details

The CIELCh color **67, 21.498, 277.917** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76, 21.377, 90.612**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 19.926, 276.524**, and **47, 21.796, 278.561** is the 20% darker color. If you saturate the color by 10%, you get **62, 29.812, 279.849**, and if you desaturate by 10%, it is **72, 13.359, 276.264**.

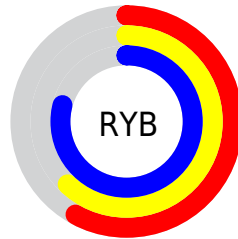
Distribution



Red (58%)

Green (64%)

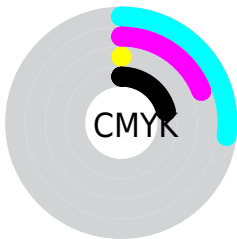
Blue (79%)



Red (58%)

Yellow (62%)

Blue (79%)

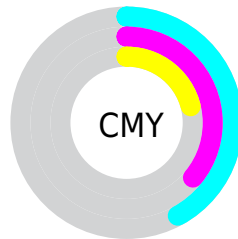


Cyan (27%)

Magenta (19%)

Yellow (0%)

Black (21%)



Cyan (42%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 21.498, 277.917 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, 21.498, 277.917 by changing the saturation by 10% instead.

■ 67, 21.498,
277.917

■ 67, 21.498,
277.917

■ 100, 21.498,
277.917

■ 57, 21.498,
277.917

■ 87, 21.498,
277.917

■ 47, 21.498,
277.917

■ 97, 21.498,
277.917

■ 37, 21.498,
277.917

■ 27, 21.498,
277.917

■ 17, 21.498,
277.917

■ 7, 21.498, 277.917

■ 0, 21.498, 277.917

67, 21.498,
277.917

67, 21.498,
277.917

62, 29.812,
279.849

72, 13.359,
276.264

57, 38.326,
282.104

77, 5.387, 274.868

83, 2.427, 93.516

52, 47.068,
284.711

88, 10.088, 92.527

47, 56.070,
287.671

93, 17.597, 91.616

42, 65.336,
290.933

97, 23.932,
101.916

38, 74.786,
294.372

99, 27.216,
108.111

34, 84.162,
297.765

33, 87.035,

298.730

Harmonies

Complementary

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



67, 21.498, 277.917



76, 21.377, 90.612

Rectangle

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



67, 21.498, 277.917



67, 21.498, 327.917



67, 21.498, 97.917



67, 21.498, 147.917

Sweetspot

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



67, 21.497, 277.915



95, 7.626, 275.028



77, 21.052, 173.360



50, 5.427, 275.229



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, 21.497, 277.915



80, 31.242, 278.958



64, 30.511, 300.165



39, 4.423, 275.194



26, 73.410, 298.214



3, 17.189, 282.529

Inverse Universe

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



66, 22.742, 359.095



79, 33.118, 359.872



79, 28.765, 116.160



39, 4.608, 357.042



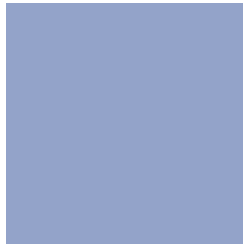
34, 62.710, 20.856



4, 16.504, 4.416

Previews

White Background



This preview shows how the CIELCh color 67, 21.498, 277.917 looks on a white background.

Color Contrast Check

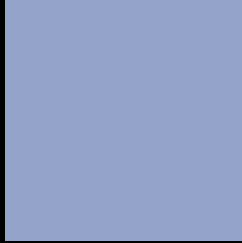
Large Text (above 18pt) WCAG AA × Fail

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, 21.498, 277.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

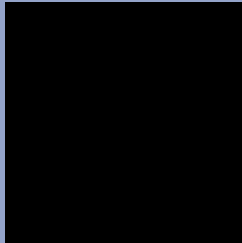
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

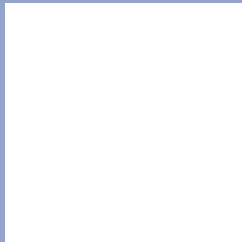
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 21.498, 277.917

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.498, 277.917.



This preview shows how white text looks on a background with the CIELCh color 67, 21.498, 277.917.

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, 21.498, 277.917

Protanopia

67, 21.636, 286.082

Deuteranopia

67, 23.806, 292.598



Tritanopia
67, 10.922, 240.167

Trichromacy



Original Color
67, 21.498, 277.917

Protanomaly
67, 21.223, 282.250

Deuteranomaly
67, 23.260, 288.387

Tritanomaly
67, 14.113, 258.854

Monochromacy



Original Color
67, 21.498, 277.917

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.995, 275.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.498, 277.917 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(147, 163, 201)` looks like.

```
.text, #text, p{  
    color:rgb(147, 163, 201)  
}
```

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(147, 163, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 163, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.498, 277.917 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(147, 163, 201) }
```

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

```
.border{ border-color:rgb(147, 163, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 163, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 163, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 163, 201);  
box-shadow:4px 4px 4px 4px rgb(147, 163,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.498, 277.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 163, 201) }
```

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

```
.background{ background-color: rgb(147,  
163, 201) }
```

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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