

Converting Colors

CIELCh(67, 7.129, 270.618)

Have a look what the booklet for
CIELCh(67, 7.129, 270.618) contains.

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Color

CIELCh(67, 7.467, 273.921)

Conversions

Conversions Part 1

Format	Color
Hex	9DA3B0
RGB	157, 163, 176
RGB Percent	62%, 64%, 69%
CMY	0.3832, 0.3597, 0.3087
CMYK	0.11, 0.07, 0.00, 0.31
HSL	221°, 11%, 65%
HSV	221°, 11%, 69%
XYZ	34.9669, 36.6320, 46.4449
YIQ	162.6880, -7.7490, 2.7710

Conversions

Conversions Part 2

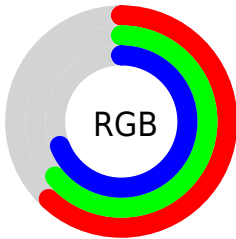
Format	Color
RYB	157, 162, 176
Decimal	10331056
CIELab	67.00, 0.51, -7.45
CIElCh	67, 7.467, 273.921
Yxy	36.6320, 0.2962, 0.3103
Android (android.graphics.Color)	4288521136 (0xFF9DA3B0)
YUV	162.6880, 6.5628, -4.9884
Hunter-Lab	60.5244, -2.7924, -3.1306

Details

The CIELCh color $67, 7.467, 273.921$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 7.457, 91.157$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 7.584, 274.834$, and $47, 7.895, 277.152$ is the 20% darker color. If you saturate the color by 10%, you get $62, 14.512, 275.407$, and if you desaturate by 10%, it is $72, 0.543, 272.970$.

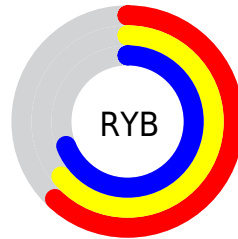
Distribution



Red (62%)

Green (64%)

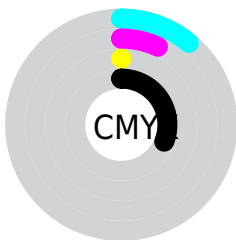
Blue (69%)



Red (62%)

Yellow (64%)

Blue (69%)

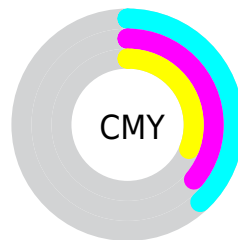


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 7.467, 273.921 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, 7.467, 273.921 by changing the saturation by 10% instead.

■ 67, 7.467, 273.921

■ 67, 7.467, 273.921

■ 100, 7.467,
273.921

■ 57, 7.467, 273.921

■ 87, 7.467, 273.921

■ 47, 7.467, 273.921

■ 97, 7.467, 273.921

■ 37, 7.467, 273.921

■ 27, 7.467, 273.921

■ 17, 7.467, 273.921

■ 7, 7.467, 273.921

■ 0, 7.467, 273.921

■ 67, 7.467, 273.921

■ 67, 7.467, 273.921

■ 62, 14.512,

■ 72, 0.543, 272.970

275.407

76, 6.258, 91.431

58, 21.688,
277.162

81, 12.937, 90.474

53, 29.005,
279.214

85, 19.496, 89.627

49, 36.482,
281.601

90, 25.934, 88.878

44, 44.146,
284.345

97, 36.171,
102.856

40, 52.027,
287.439

98, 39.472,
107.166

36, 60.128,
290.817

32, 68.371,
294.334

29, 75.928,
297.423

Harmonies

Complementary

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



67, 7.467, 273.921



70, 7.457, 91.157

Rectangle

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



67, 7.467, 273.921



67, 7.467, 323.921



67, 7.467, 93.921



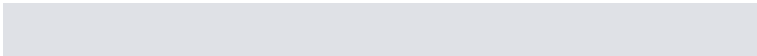
67, 7.467, 143.921

Sweetspot

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



67, 7.466, 273.912



89, 2.564, 272.963



70, 7.814, 173.887



47, 1.942, 273.042



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 7.466, 273.912



84, 11.179, 274.254



66, 10.655, 298.140



35, 3.958, 273.715



25, 67.606, 297.018



2, 10.283, 277.637

Inverse Universe

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



67, 8.040, 355.832



83, 12.071, 356.093



71, 10.411, 116.610



35, 4.255, 355.678



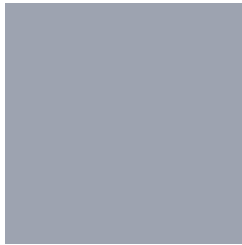
32, 59.204, 18.750



2, 9.756, 359.958

Previews

White Background



This preview shows how the CIELCh color 67, 7.467, 273.921 looks on a white background.

Color Contrast Check

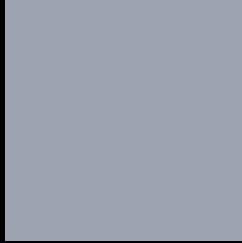
Large Text (above 18pt) WCAG AA × Fail

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, 7.467, 273.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

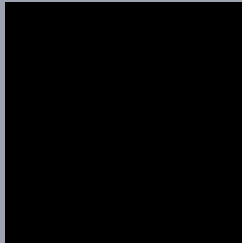
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

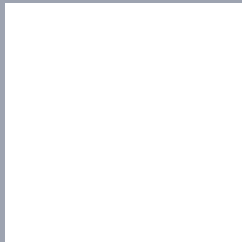
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 7.467, 273.921

Background



This preview shows how black text looks on a background with the CIELCh color 67, 7.467, 273.921.

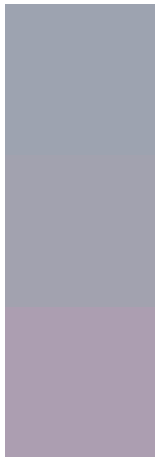


This preview shows how white text looks on a background with the CIELCh color 67, 7.467, 273.921.

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, 7.467, 273.921

Protanopia

67, 7.190, 290.927

Deuteranopia

67, 11.783, 317.323



Tritanopia
67, 7.467, 273.921

Trichromacy



Original Color
67, 7.467, 273.921

Protanomaly
67, 7.215, 285.099

Deuteranomaly
67, 9.793, 306.392

Tritanomaly
67, 7.467, 273.921

Monochromacy



Original Color
67, 7.467, 273.921

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.855, 275.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 7.467, 273.921 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(157, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(157, 163, 176)  
}
```

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(157, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 163, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 7.467, 273.921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

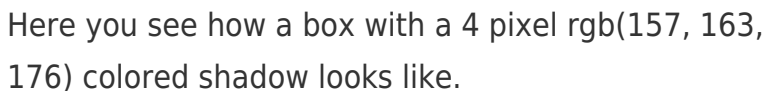
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 163, 176) }
```

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

```
.border{ border-color:rgb(157, 163, 176) }
```

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



Here you see how a box with a 4 pixel rgb(157, 163, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(157, 163,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 7.467, 273.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 163, 176) }
```

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

```
.background{ background-color: rgb(157,  
163, 176) }
```

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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