

Converting Colors

CIELCh(67, 8.125, 261.670)

Have a look what the booklet for
CIELCh(67, 8.125, 261.670) contains.

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Color

CIELCh(67, 8.125, 261.670)

Conversions

Conversions Part 1

Format	Color
Hex	99A4B1
RGB	153, 164, 177
RGB Percent	60%, 64%, 69%
CMY	0.3989, 0.3558, 0.3048
CMYK	0.14, 0.07, 0.00, 0.30
HSL	212°, 13%, 65%
HSV	212°, 14%, 70%
XYZ	34.4750, 36.6320, 46.9929
YIQ	162.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

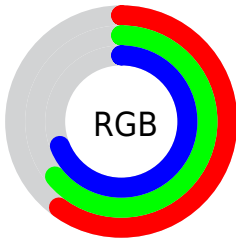
Format	Color
RYB	153, 161, 177
Decimal	10069169
CIELab	67.00, -1.18, -8.04
CIElCh	67, 8.125, 261.670
Yxy	36.6320, 0.2919, 0.3102
Android (android.graphics.Color)	4288259249 (0xFF99A4B1)
YUV	162.1930, 7.2999, -8.0623
Hunter-Lab	60.5244, -4.2429, -3.6674

Details

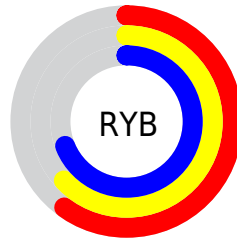
The CIELCh color $67, 8.125, 261.670$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 8.326, 78.066$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.339, 261.024$, and $47, 7.972, 262.615$ is the 20% darker color. If you saturate the color by 10%, you get $63, 14.096, 263.286$, and if you desaturate by 10%, it is $71, 2.131, 260.370$.

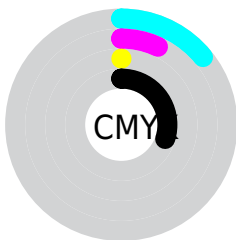
Distribution



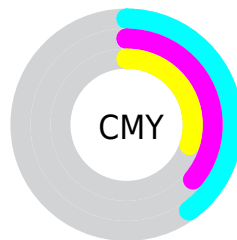
- Red (60%)
- Green (64%)
- Blue (69%)



- Red (60%)
- Yellow (63%)
- Blue (69%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.125, 261.670 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, 8.125, 261.670 by changing the saturation by 10% instead.

■ 67, 8.125, 261.670

■ 67, 8.125, 261.670

■ 100, 8.125,
261.670

■ 57, 8.125, 261.670

■ 87, 8.125, 261.670

■ 47, 8.125, 261.670

■ 97, 8.125, 261.670

■ 37, 8.125, 261.670

■ 27, 8.125, 261.670

■ 17, 8.125, 261.670

■ 7, 8.125, 261.670

■ 0, 8.125, 261.670

■ 67, 8.125, 261.670

■ 67, 8.125, 261.670

■ 63, 14.096,

■ 71, 2.131, 260.370

263.286

75, 3.865, 78.954

59, 20.034,
265.216

79, 9.851, 77.975

55, 25.927,
267.497

83, 15.811, 77.096

52, 31.777,
270.182

87, 21.734, 76.325

48, 37.604,
273.309

93, 29.342, 89.603

45, 43.450,
276.883

95, 32.894, 98.100

41, 49.377,
280.853

97, 37.006,
104.728

38, 55.451,
285.090

36, 59.487,
287.749

Harmonies

Complementary

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



67, 8.125, 261.670



69, 8.326, 78.066

Rectangle

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



67, 8.125, 261.670



67, 8.125, 311.670



67, 8.125, 81.670



67, 8.125, 131.670

Sweetspot

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



67, 8.124, 261.660



89, 2.968, 260.420



70, 10.903, 164.354



47, 2.106, 260.497



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, 8.124, 261.660



83, 11.835, 262.076



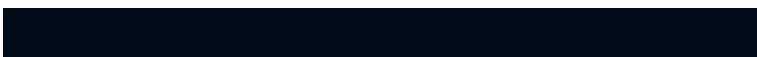
64, 13.409, 292.835



36, 3.419, 261.061



31, 52.728, 287.210



3, 9.126, 269.241

Inverse Universe

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



66, 11.064, 347.105



82, 16.178, 347.372



72, 13.005, 110.270



35, 4.628, 346.702



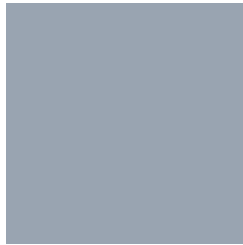
32, 57.676, 5.238



2, 10.369, 352.169

Previews

White Background



This preview shows how the CIELCh color 67, 8.125, 261.670 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, 8.125, 261.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

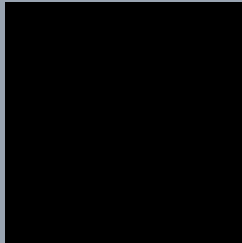
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

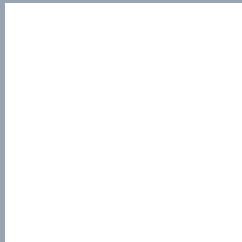
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 8.125, 261.670

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.125, 261.670.

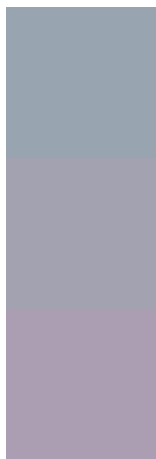


This preview shows how white text looks on a background with the CIELCh color 67, 8.125, 261.670.

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, 8.125, 261.670

Protanopia

67, 7.742, 290.983

Deuteranopia

67, 12.126, 314.580



Tritanopia
67, 8.125, 261.670

Trichromacy



Original Color
67, 8.125, 261.670

Protanomaly
67, 7.304, 279.392

Deuteranomaly
67, 10.162, 301.580

Tritanomaly
67, 8.125, 261.670

Monochromacy



Original Color
67, 8.125, 261.670

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.121, 261.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.125, 261.670 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(153, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(153, 164, 177)  
}
```

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(153, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 164, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.125, 261.670 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(153, 164, 177) }
```

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

```
.border{ border-color:rgb(153, 164, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 164, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 164, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 164, 177);  
box-shadow:4px 4px 4px 4px rgb(153, 164,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.125, 261.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 164, 177) }
```

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

```
.background{ background-color: rgb(153,  
164, 177) }
```

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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