

Converting Colors

CIELCh(67, 8.632, 264.637)

Have a look what the booklet for
CIELCh(67, 8.632, 264.637) contains.

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Color

CIELCh(67, 8.605, 263.581)

Conversions

Conversions Part 1

Format	Color
Hex	99A4B2
RGB	153, 164, 178
RGB Percent	60%, 64%, 70%
CMY	0.3993, 0.3561, 0.3012
CMYK	0.14, 0.08, 0.00, 0.30
HSL	214°, 14%, 65%
HSV	214°, 14%, 70%
XYZ	34.5375, 36.6320, 47.4718
YIQ	162.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

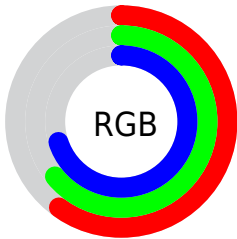
Format	Color
RYB	153, 161, 178
Decimal	10069170
CIELab	67.00, -0.96, -8.55
CIElCh	67, 8.605, 263.581
Yxy	36.6320, 0.2911, 0.3088
Android (android.graphics.Color)	4288259250 (0xFF99A4B2)
YUV	162.3070, 7.7366, -8.1622
Hunter-Lab	60.5244, -4.0588, -4.1366

Details

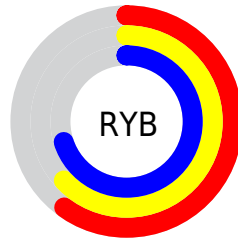
The CIELCh color $67, 8.605, 263.581$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 8.794, 79.828$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.792, 262.803$, and $47, 8.489, 264.683$ is the 20% darker color. If you saturate the color by 10%, you get $63, 14.731, 265.215$, and if you desaturate by 10%, it is $71, 2.476, 262.245$.

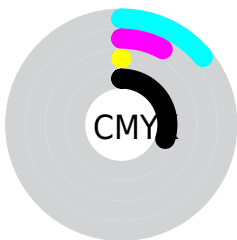
Distribution



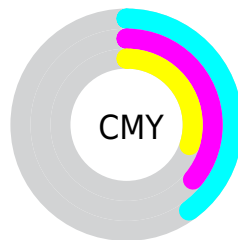
- Red (60%)
- Green (64%)
- Blue (70%)



- Red (60%)
- Yellow (63%)
- Blue (70%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.605, 263.581 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, 8.605, 263.581 by changing the saturation by 10% instead.

■ 67, 8.605, 263.581

■ 67, 8.605, 263.581

■ 100, 8.605,
263.581

■ 57, 8.605, 263.581

■ 87, 8.605, 263.581

■ 47, 8.605, 263.581

■ 97, 8.605, 263.581

■ 37, 8.605, 263.581

■ 27, 8.605, 263.581

■ 17, 8.605, 263.581

■ 7, 8.605, 263.581

■ 0, 8.605, 263.581

■ 67, 8.605, 263.581

■ 67, 8.605, 263.581

■ 63, 14.731,

■ 71, 2.476, 262.245

265.215

75, 3.641, 80.835

59, 20.844,
267.160

79, 9.732, 79.843

55, 26.938,
269.454

83, 15.787, 78.950

51, 33.019,
272.145

87, 21.794, 78.164

48, 39.110,
275.267

93, 29.769, 91.879

44, 45.255,
278.820

96, 33.645,
100.250

40, 51.513,
282.744

98, 38.065,
106.679

37, 57.934,
286.901

35, 61.866,
289.290

Harmonies

Complementary

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



67, 8.605, 263.581



69, 8.794, 79.828

Rectangle

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



67, 8.605, 263.581



67, 8.605, 313.581



67, 8.605, 83.581



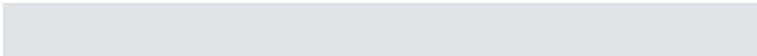
67, 8.605, 133.581

Sweetspot

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



67, 8.604, 263.572



90, 3.044, 262.248



71, 11.209, 165.244



48, 2.180, 262.328



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 8.604, 263.572



84, 12.919, 264.077



64, 13.972, 293.503



36, 3.478, 262.896



30, 54.597, 288.749



3, 9.271, 270.508

Inverse Universe

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



66, 11.388, 348.230



82, 17.171, 348.557



72, 13.538, 110.917



35, 4.574, 347.771



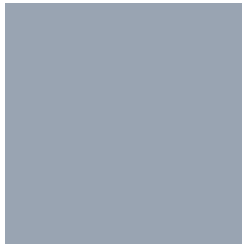
32, 57.658, 6.989



2, 10.275, 353.176

Previews

White Background



This preview shows how the CIELCh color 67, 8.605, 263.581 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, 8.605, 263.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

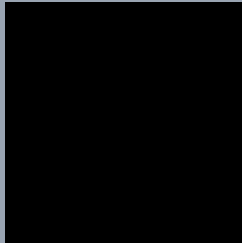
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

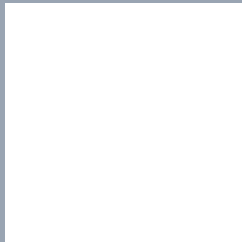
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 8.605, 263.581

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.605, 263.581.

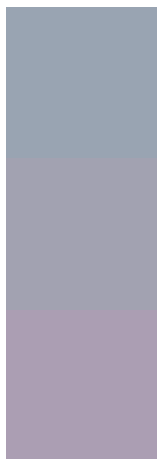


This preview shows how white text looks on a background with the CIELCh color 67, 8.605, 263.581.

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, 8.605, 263.581

Protanopia

67, 8.294, 291.038

Deuteranopia

67, 12.633, 313.590



Tritanopia
67, 8.125, 261.670

Trichromacy



Original Color
67, 8.605, 263.581

Protanomaly
67, 7.844, 280.281

Deuteranomaly
67, 10.706, 301.077

Tritanomaly
67, 8.125, 261.670

Monochromacy



Original Color
67, 8.605, 263.581

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.614, 266.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.605, 263.581 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(153, 164, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 164, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.605, 263.581 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, 178) }
```

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

```
.border{ border-color:rgb(153, 164, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 164, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 164, 178);  
box-shadow:4px 4px 4px 4px rgb(153, 164,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.605, 263.581 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, 178) }
```

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

```
.background{ background-color: rgb(153,  
164, 178) }
```

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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