

Converting Colors

CIELCh(67, 11.610, 178.137)

Have a look what the booklet for
CIELCh(67, 11.610, 178.137)
contains.

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Color

CIELCh(67, 11.423, 178.616)

Conversions

Conversions Part 1

Format	Color
Hex	8CA9A2
RGB	140, 169, 162
RGB Percent	55%, 66%, 64%
CMY	0.4504, 0.3367, 0.3641
CMYK	0.17, 0.00, 0.04, 0.34
HSL	166°, 14%, 61%
HSV	166°, 17%, 66%
XYZ	31.5887, 36.6320, 39.6557
YIQ	159.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

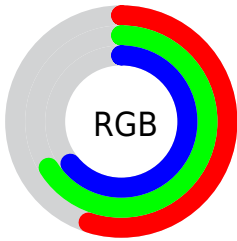
Format	Color
RYB	140, 156, 169
Decimal	9218466
CIELab	67.00, -11.42, 0.28
CIELCh	67, 11.423, 178.616
Yxy	36.6320, 0.2928, 0.3396
Android (android.graphics.Color)	4287408546 (0xFF8CA9A2)
YUV	159.5310, 1.2172, -17.1287
Hunter-Lab	60.5244, -12.7553, 3.5201

Details

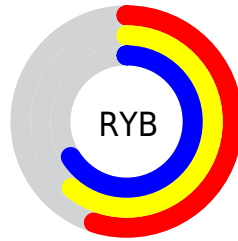
The CIELCh color $67, 11.423, 178.616$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $61, 12.122, 1.808$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.214, 179.559$, and $47, 11.744, 177.378$ is the 20% darker color. If you saturate the color by 10%, you get $66, 17.789, 177.604$, and if you desaturate by 10%, it is $68, 4.816, 179.597$.

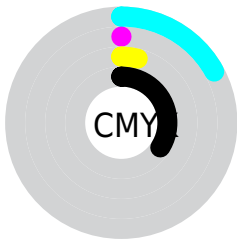
Distribution



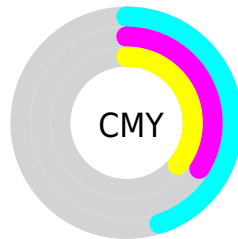
- Red (55%)
- Green (66%)
- Blue (64%)



- Red (55%)
- Yellow (61%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)





- Cyan (45%)
- Magenta (34%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.423, 178.616 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, 11.423, 178.616 by changing the saturation by 10% instead.


 67, 11.423,
178.616


 67, 11.423,
178.616


 100, 11.423,
178.616


 57, 11.423,
178.616


 87, 11.423,
178.616

 47, 11.423,
178.616

 97, 11.423,
178.616

 37, 11.423,
178.616

 27, 11.423,
178.616

 17, 11.423,
178.616

 7, 11.423, 178.616

 0, 11.423, 178.616

67, 11.423,
178.616

67, 11.423,
178.616

66, 17.789,
177.604

68, 4.816, 179.597

65, 23.807,
176.532

70, 1.941, 0.163

71, 8.769, 1.180

64, 29.366,
175.372

73, 15.604, 2.008

63, 34.361,
174.104

75, 22.398, 2.789

77, 29.114, 3.538

63, 38.702,
172.704

78, 34.438, 3.374

62, 42.330,
171.150


78, 34.946,
359.931

62, 45.236,
169.421

78, 35.587,
356.608

62, 47.501,

167.528

 62, 48.110,
166.995

Harmonies

Complementary

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



67, 11.423, 178.616



61, 12.122, 1.808

Rectangle

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



67, 11.423, 178.616



67, 11.423, 228.616



67, 11.423, 358.616



67, 11.423, 48.616

Sweetspot

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



67, 11.424, 178.611



87, 4.168, 179.819



67, 18.115, 136.520



46, 2.838, 179.744



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 11.424, 178.611



84, 17.171, 178.192



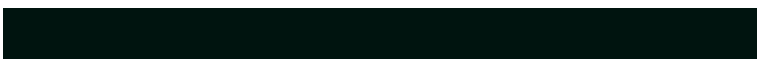
65, 8.720, 226.465



35, 3.790, 179.382



54, 43.445, 167.236



5, 7.243, 175.302

Inverse Universe

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



61, 12.122, 1.808



75, 18.504, 2.307



63, 9.675, 44.700



33, 3.913, 0.944



30, 59.848, 25.088



1, 6.891, 2.653

Previews

White Background



This preview shows how the CIELCh color 67, 11.423, 178.616 looks on a white background.

Color Contrast Check

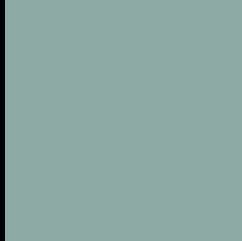
Large Text (above 18pt) WCAG AA × Fail

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, 11.423, 178.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

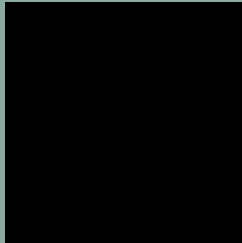
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

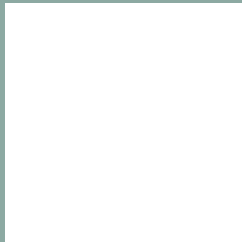
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.423, 178.616

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.423, 178.616.



This preview shows how white text looks on a background with the CIELCh color 67, 11.423, 178.616.

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, 11.423, 178.616

Protanopia
67, 2.912, 68.455

Deuteranopia
67, 8.263, 352.337



Tritanopia
67, 11.029, 243.691

Trichromacy



Original Color
67, 11.423, 178.616

Protanomaly
67, 4.124, 157.214

Deuteranomaly
67, 1.355, 324.343

Tritanomaly
67, 9.635, 222.530

Monochromacy



Original Color
67, 11.423, 178.616

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.936, 182.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.423, 178.616 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(140, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(140, 169, 162)  
}
```

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(140, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 169, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.423, 178.616 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(140, 169, 162) }
```

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

```
.border{ border-color:rgb(140, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(140, 169,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.423, 178.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 169, 162) }
```

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

```
.background{ background-color: rgb(140,  
169, 162) }
```

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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