

Converting Colors

CIELCh(67, 6.754, 179.746)

Have a look what the booklet for
CIELCh(67, 6.754, 179.746) contains.

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Color

CIELCh(67, 6.746, 179.751)

Conversions

Conversions Part 1

Format	Color
Hex	96A7A3
RGB	150, 167, 163
RGB Percent	59%, 65%, 64%
CMY	0.4128, 0.3461, 0.3618
CMYK	0.10, 0.00, 0.02, 0.35
HSL	166°, 9%, 62%
HSV	166°, 10%, 65%
XYZ	32.8849, 36.6320, 39.8615
YIQ	161.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

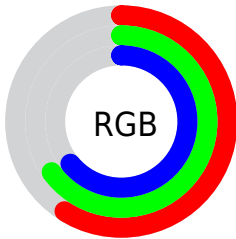
Format	Color
RYB	150, 160, 167
Decimal	9873315
CIELab	67.00, -6.75, 0.03
CIELCh	67, 6.746, 179.751
Yxy	36.6320, 0.3007, 0.3349
Android (android.graphics.Color)	4288063395 (0xFF96A7A3)
YUV	161.4610, 0.7587, -10.0513
Hunter-Lab	60.5244, -8.9325, 3.3185

Details

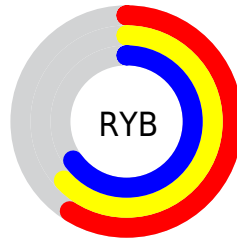
The CIELCh color $67, 6.746, 179.751$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 6.992, 1.485$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 6.744, 180.920$, and $47, 6.823, 178.344$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.191, 178.765$, and if you desaturate by 10%, it is $68, 0.126, 184.034$.

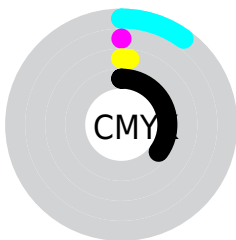
Distribution



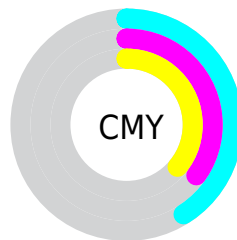
- Red (59%)
- Green (65%)
- Blue (64%)



- Red (59%)
- Yellow (63%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 6.746, 179.751 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, 6.746, 179.751 by changing the saturation by 10% instead.

■ 67, 6.746, 179.751 ■ 67, 6.746, 179.751

■ 100, 6.746,
179.751 ■ 57, 6.746, 179.751

■ 87, 6.746, 179.751 ■ 47, 6.746, 179.751

■ 97, 6.746, 179.751 ■ 37, 6.746, 179.751

■ 27, 6.746, 179.751

■ 17, 6.746, 179.751

■ 7, 6.746, 179.751

■ 0, 6.746, 179.751

■ 67, 6.746, 179.751 ■ 67, 6.746, 179.751

■ 66, 13.191, ■ 68, 0.126, 184.034

178.765

70, 6.592, 1.357

65, 19.360,
177.748

71, 13.338, 2.205

64, 25.149,
176.660

73, 20.060, 2.998

63, 30.451,
175.480

75, 26.718, 3.756

62, 35.162,
174.189

78, 35.598, 2.462

62, 39.204,
172.761

78, 36.111,
359.268

61, 42.532,
171.176

78, 36.743,
356.182

61, 45.154,
169.415

61, 47.220,
167.577

Harmonies

Complementary

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



67, 6.746, 179.751



64, 6.992, 1.485

Rectangle

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



67, 6.746, 179.751



67, 6.746, 229.751



67, 6.746, 359.751



67, 6.746, 49.751

Sweetspot

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



67, 6.747, 179.742



86, 2.472, 180.535



67, 10.614, 136.865



46, 1.888, 180.421



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, 6.747, 179.742



85, 9.811, 179.545



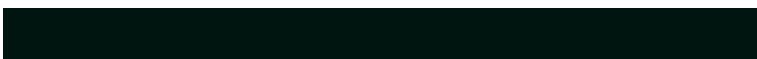
66, 5.213, 226.034



35, 3.778, 179.831



54, 43.114, 167.791



5, 7.215, 175.781

Inverse Universe

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



64, 6.992, 1.485



80, 10.238, 1.703



65, 5.530, 44.912



33, 3.903, 1.389



30, 60.057, 25.588



1, 6.876, 3.049

Previews

White Background



This preview shows how the CIELCh color 67, 6.746, 179.751 looks on a white background.

Color Contrast Check

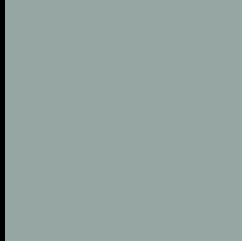
Large Text (above 18pt) WCAG AA × Fail

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, 6.746, 179.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

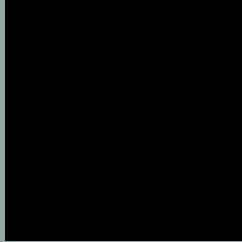
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

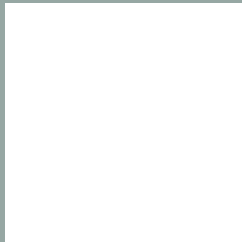
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 6.746, 179.751

Background



This preview shows how black text looks on a background with the CIELCh color 67, 6.746, 179.751.

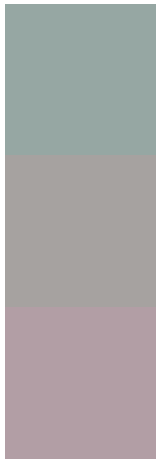


This preview shows how white text looks on a background with the CIELCh color 67, 6.746, 179.751.

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](#).

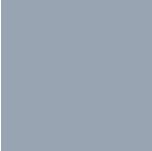
Dichromacy



Original Color
67, 6.746, 179.751

Protanopia
67, 1.876, 55.191

Deuteranopia
67, 8.608, 353.590



Tritanopia
67, 8.764, 261.500

Trichromacy



Original Color
67, 6.746, 179.751

Protanomaly
67, 2.255, 152.309

Deuteranomaly
67, 3.157, 347.924

Tritanomaly
67, 6.333, 236.866

Monochromacy



Original Color
67, 6.746, 179.751

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.336, 185.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 6.746, 179.751 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(150, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(150, 167, 163)  
}
```

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(150, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 167, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 6.746, 179.751 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(150, 167, 163) }
```

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

```
.border{ border-color:rgb(150, 167, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 167, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 167,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 6.746, 179.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 167, 163) }
```

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

```
.background{ background-color: rgb(150,  
167, 163) }
```

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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