

Converting Colors

CIELCh(67, 4.854, 195.182)

Have a look what the booklet for
CIELCh(67, 4.854, 195.182) contains.

CIELCh(67, 4.882, 192.570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 4.882, 192.570)

Conversions

Conversions Part 1

Format	Color
Hex	99A6A5
RGB	153, 166, 165
RGB Percent	60%, 65%, 65%
CMY	0.4010, 0.3500, 0.3540
CMYK	0.08, 0.00, 0.01, 0.35
HSL	175°, 7%, 62%
HSV	175°, 8%, 65%
XYZ	33.4448, 36.6320, 40.7810
YIQ	161.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

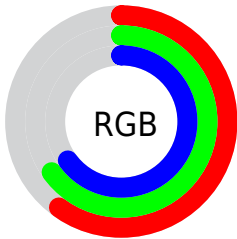
Format	Color
RYB	153, 160, 166
Decimal	10069669
CIELab	67.00, -4.76, -1.06
CIElCh	67, 4.882, 192.570
Yxy	36.6320, 0.3017, 0.3304
Android (android.graphics.Color)	4288259749 (0xFF99A6A5)
YUV	161.9990, 1.4795, -7.8921
Hunter-Lab	60.5244, -7.2812, 2.4177

Details

The CIELCh color $67, 4.882, 192.570$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 5.091, 13.534$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.991, 193.146$, and $47, 4.809, 191.843$ is the 20% darker color. If you saturate the color by 10%, you get $66, 10.866, 191.787$, and if you desaturate by 10%, it is $68, 1.369, 12.829$.

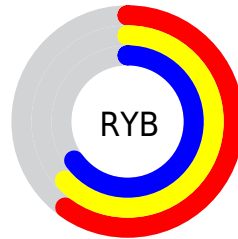
Distribution



Red (60%)

Green (65%)

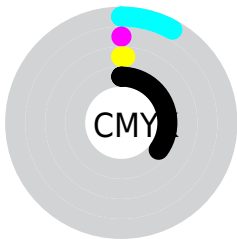
Blue (65%)



Red (60%)

Yellow (63%)

Blue (65%)

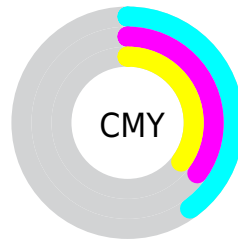


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 4.882, 192.570 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, 4.882, 192.570 by changing the saturation by 10% instead.

■ 67, 4.882, 192.570

■ 67, 4.882, 192.570

■ 100, 4.882,
192.570

■ 57, 4.882, 192.570

■ 87, 4.882, 192.570

■ 47, 4.882, 192.570

■ 97, 4.882, 192.570

■ 37, 4.882, 192.570

■ 27, 4.882, 192.570

■ 17, 4.882, 192.570

■ 7, 4.882, 192.570

■ 0, 4.882, 192.570

■ 67, 4.882, 192.570

■ 67, 4.882, 192.570

■ 66, 10.866,

■ 68, 1.369, 12.829

191.787

70, 7.805, 13.825

65, 16.487,
191.059

71, 14.356, 14.563

64, 21.645,
190.336

73, 20.963, 15.278

63, 26.238,
189.609

75, 27.581, 15.981

62, 30.179,
188.871

77, 34.176, 16.673

77, 35.263, 15.881

62, 33.397,
188.109

77, 35.245, 14.786

77, 35.240, 13.690

62, 35.859,
187.310

61, 37.574,
186.459

61, 38.654,
185.550

Harmonies

Complementary

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



67, 4.882, 192.570



64, 5.091, 13.534

Rectangle

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



67, 4.882, 192.570



67, 4.882, 242.570



67, 4.882, 12.570



67, 4.882, 62.570

Sweetspot

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



67, 4.883, 192.554



85, 1.549, 193.240



67, 8.543, 141.804



45, 0.879, 193.271



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 4.883, 192.554



84, 6.886, 192.447



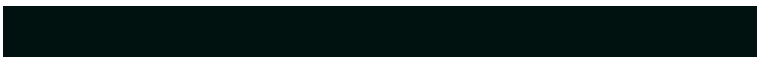
66, 4.080, 246.865



34, 3.468, 192.439



54, 35.264, 185.467



4, 5.532, 191.122

Inverse Universe

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



64, 5.091, 13.534



80, 7.229, 13.659



66, 4.193, 64.993



32, 3.643, 13.667



30, 65.425, 36.095



1, 5.499, 13.613

Previews

White Background



This preview shows how the CIELCh color 67, 4.882, 192.570 looks on a white background.

Color Contrast Check

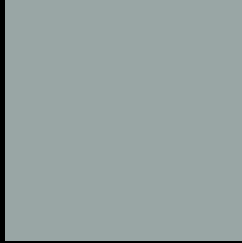
Large Text (above 18pt) WCAG AA × Fail

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, 4.882, 192.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

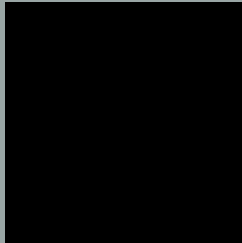
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

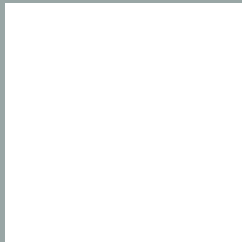
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 4.882, 192.570

Background



This preview shows how black text looks on a background with the CIELCh color 67, 4.882, 192.570.

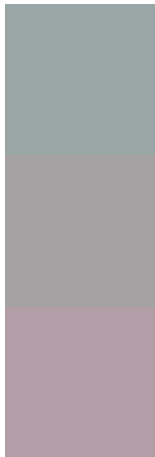


This preview shows how white text looks on a background with the CIELCh color 67, 4.882, 192.570.

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

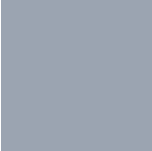
67, 4.882, 192.570

Protanopia

67, 1.629, 359.470

Deuteranopia

67, 8.525, 349.045



Tritanopia
67, 7.819, 266.294

Trichromacy



Original Color
67, 4.882, 192.570

Protanomaly
67, 0.932, 236.292

Deuteranomaly
67, 3.856, 333.912

Tritanomaly
67, 5.907, 247.765

Monochromacy



Original Color
67, 4.882, 192.570

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.508, 199.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 4.882, 192.570 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, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(153, 166, 165)  
}
```

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, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 166, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 4.882, 192.570 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, 166, 165) }
```

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

```
.border{ border-color:rgb(153, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(153, 166,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 4.882, 192.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 166, 165) }
```

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

```
.background{ background-color: rgb(153,  
166, 165) }
```

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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