

Converting Colors

CIELCh(67, 3.333, 219.763)

Have a look what the booklet for
CIELCh(67, 3.333, 219.763) contains.

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Color

CIELCh(67, 3.507, 217.641)

Conversions

Conversions Part 1

Format	Color
Hex	9CA5A7
RGB	156, 165, 167
RGB Percent	61%, 65%, 65%
CMY	0.3893, 0.3540, 0.3462
CMYK	0.07, 0.01, 0.00, 0.35
HSL	191°, 6%, 63%
HSV	191°, 7%, 65%
XYZ	34.0131, 36.6320, 41.7038
YIQ	162.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

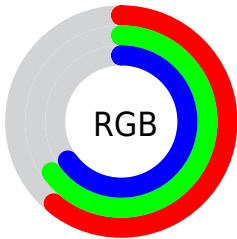
Format	Color
RYB	156, 161, 167
Decimal	10266023
CIELab	67.00, -2.78, -2.14
CIElCh	67, 3.507, 217.641
Yxy	36.6320, 0.3027, 0.3261
Android (android.graphics.Color)	4288456103 (0xFF9CA5A7)
YUV	162.5370, 2.2003, -5.7329
Hunter-Lab	60.5244, -5.6054, 1.5138

Details

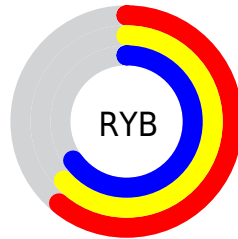
The CIELCh color $67, 3.507, 217.641$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.650, 37.159$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 3.672, 215.901$, and $47, 3.363, 219.813$ is the 20% darker color. If you saturate the color by 10%, you get $65, 8.596, 217.814$, and if you desaturate by 10%, it is $69, 1.848, 37.058$.

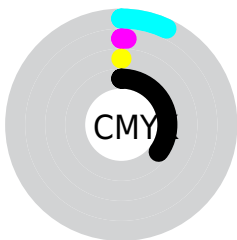
Distribution



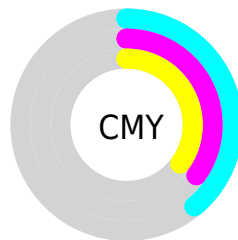
- Red (61%)
- Green (65%)
- Blue (65%)



- Red (61%)
- Yellow (63%)
- Blue (65%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 3.507, 217.641 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, 3.507, 217.641 by changing the saturation by 10% instead.

67, 3.507, 217.641

67, 3.507, 217.641

100, 3.507,
217.641

57, 3.507, 217.641

87, 3.507, 217.641

47, 3.507, 217.641

97, 3.507, 217.641

37, 3.507, 217.641

27, 3.507, 217.641

17, 3.507, 217.641

7, 3.507, 217.641

0, 3.507, 217.641

67, 3.507, 217.641

67, 3.507, 217.641

65, 8.596, 217.814

69, 1.848, 37.058

63, 13.346,
218.232

71, 7.407, 37.187

61, 17.678,
218.858

74, 13.116, 37.222

59, 21.513,
219.736

76, 18.933, 37.295

58, 24.775,
220.924

81, 30.447, 37.684

56, 27.405,
222.489

81, 29.834, 41.020

55, 29.377,
224.507

82, 29.328, 44.489

54, 30.708,
227.050

83, 28.937, 48.070

53, 31.498,
230.145

Harmonies

Complementary

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



67, 3.507, 217.641



66, 3.650, 37.159

Rectangle

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



67, 3.507, 217.641



67, 3.507, 267.641



67, 3.507, 37.641



67, 3.507, 87.641

Sweetspot

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



67, 3.507, 217.613



86, 1.332, 217.827



67, 6.595, 149.028



46, 0.764, 217.851



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, 3.507, 217.613



85, 5.247, 217.623



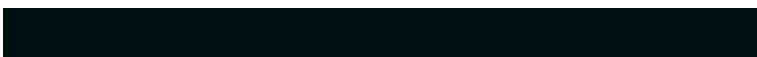
66, 4.270, 272.001



35, 3.013, 217.637



47, 29.052, 230.852



4, 5.471, 224.111

Inverse Universe

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



65, 6.545, 330.247



82, 9.839, 330.349



67, 4.263, 90.277



33, 5.669, 330.423



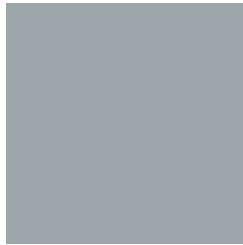
33, 67.004, 336.872



2, 9.868, 331.930

Previews

White Background



This preview shows how the CIELCh color 67, 3.507, 217.641 looks on a white background.

Color Contrast Check

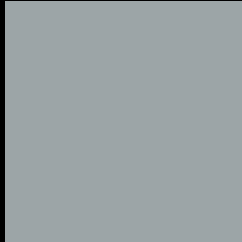
Large Text (above 18pt) WCAG AA × Fail

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, 3.507, 217.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

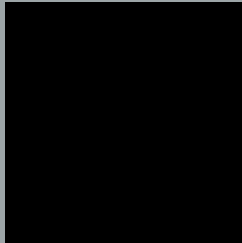
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

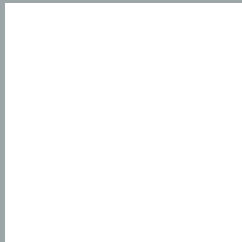
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 3.507, 217.641

Background



This preview shows how black text looks on a background with the CIELCh color 67, 3.507, 217.641.



This preview shows how white text looks on a background with the CIELCh color 67, 3.507, 217.641.

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, 3.507, 217.641

Protanopia

67, 2.027, 324.430

Deuteranopia

67, 8.827, 341.536



Tritanopia
67, 7.467, 273.921

Trichromacy



Original Color
67, 3.507, 217.641

Protanomaly
67, 1.700, 277.604

Deuteranomaly
67, 5.612, 327.870

Tritanomaly
67, 5.550, 263.136

Monochromacy



Original Color
67, 3.507, 217.641

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.253, 225.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 3.507, 217.641 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(156, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(156, 165, 167)  
}
```

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(156, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 165, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 3.507, 217.641 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(156, 165, 167) }
```

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

```
.border{ border-color:rgb(156, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 165, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 165, 167); box-shadow:4px 4px 4px 4px rgb(156, 165, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 3.507, 217.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 165, 167) }
```

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

```
.background{ background-color: rgb(156,  
165, 167) }
```

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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