

Converting Colors

CIELCh(67, 4.896, 205.116)

Have a look what the booklet for
CIELCh(67, 4.896, 205.116) contains.

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Color

CIELCh(67, 5.197, 205.165)

Conversions

Conversions Part 1

Format	Color
Hex	98A6A7
RGB	152, 166, 167
RGB Percent	60%, 65%, 65%
CMY	0.4047, 0.3498, 0.3459
CMYK	0.09, 0.01, 0.00, 0.35
HSL	184°, 8%, 62%
HSV	184°, 9%, 65%
XYZ	33.4622, 36.6320, 41.7625
YIQ	161.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

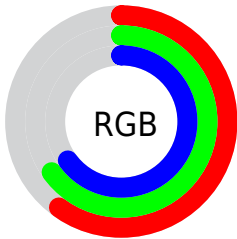
Format	Color
RYB	152, 159, 167
Decimal	10004135
CIELab	67.00, -4.70, -2.21
CIElCh	67, 5.197, 205.165
Yxy	36.6320, 0.2992, 0.3275
Android (android.graphics.Color)	4288194215 (0xFF98A6A7)
YUV	161.9280, 2.5005, -8.7069
Hunter-Lab	60.5244, -7.2299, 1.4563

Details

The CIELCh color $67, 5.197, 205.165$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 5.502, 25.591$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 5.299, 204.825$, and $47, 5.130, 205.545$ is the 20% darker color. If you saturate the color by 10%, you get $66, 10.672, 204.858$, and if you desaturate by 10%, it is $69, 0.597, 24.548$.

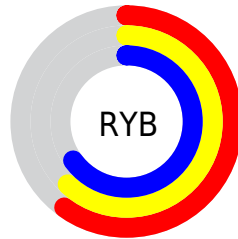
Distribution



Red (60%)

Green (65%)

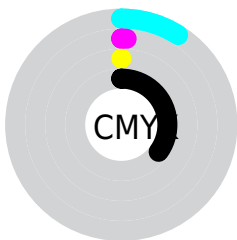
Blue (65%)



Red (60%)

Yellow (62%)

Blue (65%)

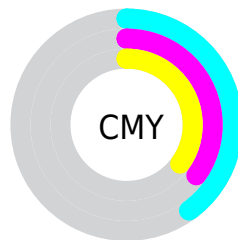


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.197, 205.165 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, 5.197, 205.165 by changing the saturation by 10% instead.

■ 67, 5.197, 205.165

■ 67, 5.197, 205.165

■ 100, 5.197,
205.165

■ 57, 5.197, 205.165

■ 87, 5.197, 205.165

■ 47, 5.197, 205.165

■ 97, 5.197, 205.165

■ 37, 5.197, 205.165

■ 27, 5.197, 205.165

■ 17, 5.197, 205.165

■ 7, 5.197, 205.165

■ 0, 5.197, 205.165

■ 67, 5.197, 205.165

■ 67, 5.197, 205.165

■ 66, 10.672,

■ 69, 0.597, 24.548

204.858

70, 6.634, 25.646

64, 15.737,
204.683

72, 12.846, 26.076

63, 20.299,
204.616

74, 19.174, 26.512

62, 24.269,
204.672

76, 25.575, 26.960

61, 27.564,
204.872

78, 32.010, 27.416

60, 30.125,
205.238

79, 32.938, 28.317

60, 31.928,
205.792

79, 32.598, 29.341

59, 32.992,
206.553

59, 33.470,
207.503

Harmonies

Complementary

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



67, 5.197, 205.165



64, 5.502, 25.591

Rectangle

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



67, 5.197, 205.165



67, 5.197, 255.165



67, 5.197, 25.165



67, 5.197, 75.165

Sweetspot

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



67, 5.198, 205.148



86, 2.177, 205.501



67, 9.782, 145.306



46, 1.661, 205.421



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, 5.198, 205.148



84, 7.825, 205.071



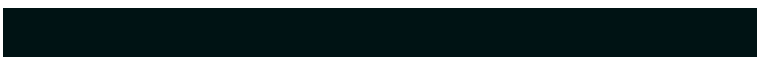
65, 5.176, 261.859



35, 3.293, 205.137



52, 30.701, 207.480



5, 6.020, 207.819

Inverse Universe

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



64, 9.689, 326.755



81, 14.689, 326.883



66, 5.246, 79.470



33, 6.144, 326.772



34, 73.146, 331.016



2, 10.957, 327.028

Previews

White Background



This preview shows how the CIELCh color 67, 5.197, 205.165 looks on a white background.

Color Contrast Check

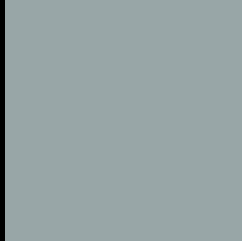
Large Text (above 18pt) WCAG AA × Fail

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, 5.197, 205.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

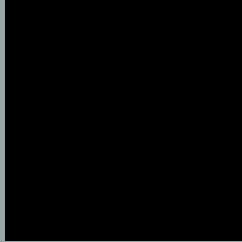
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

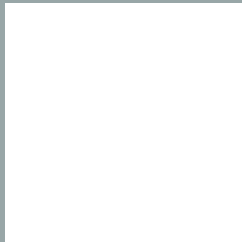
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 5.197, 205.165

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.197, 205.165.



This preview shows how white text looks on a background with the CIELCh color 67, 5.197, 205.165.

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, 5.197, 205.165

Protanopia

67, 2.027, 324.430

Deuteranopia

67, 8.827, 341.536



Tritanopia
67, 7.966, 263.934

Trichromacy



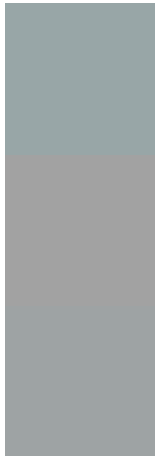
Original Color
67, 5.197, 205.165

Protanomaly
67, 1.993, 256.017

Deuteranomaly
67, 4.510, 320.638

Tritanomaly
67, 6.149, 245.252

Monochromacy



Original Color
67, 5.197, 205.165

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.951, 215.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.197, 205.165 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(152, 166, 167)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 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(152, 166, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 166, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.197, 205.165 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(152, 166, 167) }
```

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

```
.border{ border-color:rgb(152, 166, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 166, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 166, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 166, 167);  
box-shadow:4px 4px 4px 4px rgb(152, 166,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.197, 205.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 166, 167) }
```

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

```
.background{ background-color: rgb(152,  
166, 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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