

Converting Colors

CIELCh(67, 5.186, 198.700)

Have a look what the booklet for
CIELCh(67, 5.186, 198.700) contains.

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Color

CIELCh(67, 5.192, 199.045)

Conversions

Conversions Part 1

Format	Color
Hex	98A6A6
RGB	152, 166, 166
RGB Percent	60%, 65%, 65%
CMY	0.4045, 0.3496, 0.3496
CMYK	0.08, 0.00, 0.00, 0.35
HSL	180°, 7%, 62%
HSV	180°, 8%, 65%
XYZ	33.4043, 36.6320, 41.3195
YIQ	161.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

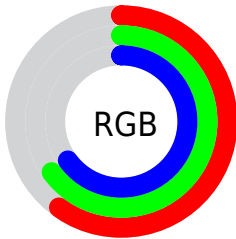
Format	Color
RYB	152, 159, 166
Decimal	10004134
CIELab	67.00, -4.91, -1.69
CIELCh	67, 5.192, 199.045
Yxy	36.6320, 0.3000, 0.3290
Android (android.graphics.Color)	4288194214 (0xFF98A6A6)
YUV	161.8140, 2.0637, -8.6069
Hunter-Lab	60.5244, -7.4009, 1.8903

Details

The CIELCh color $67, 5.192, 199.045$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 5.470, 19.825$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 5.293, 199.144$, and $47, 5.128, 198.890$ is the 20% darker color. If you saturate the color by 10%, you get $66, 11.040, 198.476$, and if you desaturate by 10%, it is $68, 0.982, 18.988$.

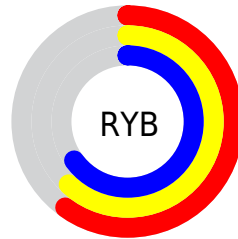
Distribution



Red (60%)

Green (65%)

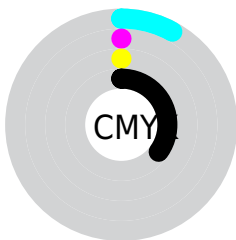
Blue (65%)



Red (60%)

Yellow (62%)

Blue (65%)

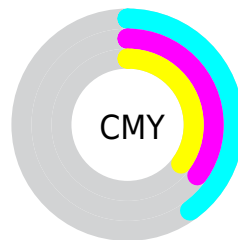


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.192, 199.045 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, 5.192, 199.045 by changing the saturation by 10% instead.

■ 67, 5.192, 199.045

■ 67, 5.192, 199.045

■ 100, 5.192,
199.045

■ 57, 5.192, 199.045

■ 87, 5.192, 199.045

■ 47, 5.192, 199.045

■ 97, 5.192, 199.045

■ 37, 5.192, 199.045

■ 27, 5.192, 199.045

■ 17, 5.192, 199.045

■ 7, 5.192, 199.045

■ 0, 5.192, 199.045

■ 67, 5.192, 199.045

■ 67, 5.192, 199.045

■ 66, 11.040,

■ 68, 0.982, 18.988

198.476

70, 7.399, 19.982

65, 16.463,
198.001

71, 13.983, 20.603

64, 21.366,
197.584

73, 20.671, 21.220

63, 25.655,
197.227

75, 27.412, 21.839

63, 29.249,
196.932

77, 35.638, 22.593

62, 32.094,
196.701

77, 35.638, 22.590

77, 35.638, 22.588

62, 34.170,
196.534

62, 35.501,
196.427

62, 36.226,
196.367

Harmonies

Complementary

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



67, 5.192, 199.045



64, 5.470, 19.825

Rectangle

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



67, 5.192, 199.045



67, 5.192, 249.045



67, 5.192, 19.045



67, 5.192, 69.045

Sweetspot

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



67, 5.193, 199.029



86, 2.323, 199.476



67, 9.404, 143.550



46, 1.772, 199.382



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, 5.193, 199.029



85, 7.616, 198.923



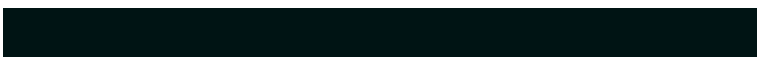
65, 4.576, 254.715



35, 3.516, 198.976



55, 33.392, 196.360



5, 6.572, 199.401

Inverse Universe

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



64, 5.470, 19.825



81, 8.113, 19.961



66, 4.672, 72.532



33, 3.724, 19.892



30, 69.020, 39.352



1, 6.572, 19.392

Previews

White Background



This preview shows how the CIELCh color 67, 5.192, 199.045 looks on a white background.

Color Contrast Check

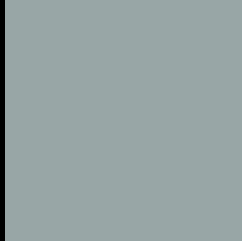
Large Text (above 18pt) WCAG AA × Fail

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, 5.192, 199.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

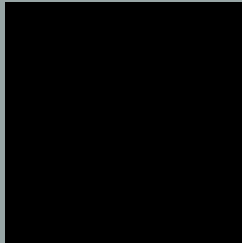
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

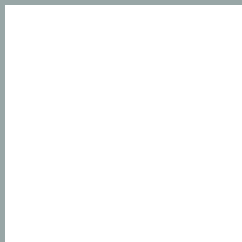
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 5.192, 199.045

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.192, 199.045.



This preview shows how white text looks on a background with the CIELCh color 67, 5.192, 199.045.

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, 5.192, 199.045

Protanopia

67, 1.602, 335.601

Deuteranopia

67, 8.500, 344.454



Tritanopia
67, 7.966, 263.934

Trichromacy



Original Color
67, 5.192, 199.045

Protanomaly
67, 1.571, 244.449

Deuteranomaly
67, 4.044, 324.579

Tritanomaly
67, 6.149, 245.252

Monochromacy



Original Color
67, 5.192, 199.045

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.883, 199.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.192, 199.045 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 166)  
}
```

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, 166) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 67, 5.192, 199.045 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, 166) }
```

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

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

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, 166)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 67, 5.192, 199.045 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, 166) }
```

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

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

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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