

Converting Colors

CIELCh(68, 5.175, 197.634)

Have a look what the booklet for
CIELCh(68, 5.175, 197.634) contains.

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Color

CIELCh(68, 5.229, 192.992)

Conversions

Conversions Part 1

Format	Color
Hex	9BA9A8
RGB	155, 169, 168
RGB Percent	61%, 66%, 66%
CMY	0.3937, 0.3388, 0.3427
CMYK	0.08, 0.00, 0.01, 0.34
HSL	176°, 7%, 63%
HSV	176°, 8%, 66%
XYZ	34.5890, 37.9720, 42.3601
YIQ	164.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

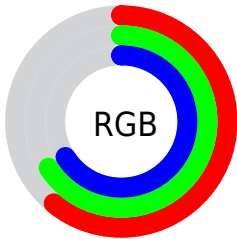
Format	Color
RYB	155, 162, 169
Decimal	10201512
CIELab	68.00, -5.10, -1.18
CIElCh	68, 5.229, 192.992
Yxy	37.9720, 0.3010, 0.3304
Android (android.graphics.Color)	4288391592 (0xFF9BA9A8)
YUV	164.7000, 1.6269, -8.5069
Hunter-Lab	61.6215, -7.6431, 2.3776

Details

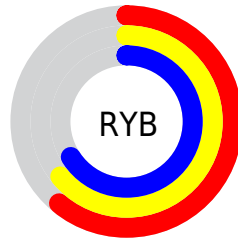
The CIELCh color `68, 5.229, 192.992` is a light color, and the websafe version is hex `999999`. A complement of this color would be `65, 5.469, 14.023`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 5.325, 193.512`, and `48, 5.172, 192.335` is the 20% darker color. If you saturate the color by 10%, you get `67, 11.271, 192.226`, and if you desaturate by 10%, it is `69, 1.092, 13.154`.

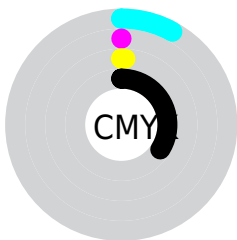
Distribution



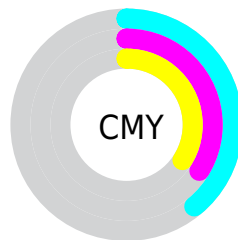
- Red (61%)
- Green (66%)
- Blue (66%)



- Red (61%)
- Yellow (64%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (39%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 5.229, 192.992 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 68, 5.229, 192.992 by changing the saturation by 10% instead.

■ 68, 5.229, 192.992

■ 68, 5.229, 192.992

■ 100, 5.229,
192.992

■ 58, 5.229, 192.992

■ 88, 5.229, 192.992

■ 48, 5.229, 192.992

■ 98, 5.229, 192.992

■ 38, 5.229, 192.992

■ 28, 5.229, 192.992

■ 18, 5.229, 192.992

■ 8, 5.229, 192.992

■ 0, 5.229, 192.992

■ 68, 5.229, 192.992

■ 68, 5.229, 192.992

■ 67, 11.271,

■ 69, 1.092, 13.154

192.226

71, 7.609, 14.233

66, 16.935,
191.512

72, 14.248, 14.967

65, 22.119,
190.807

74, 20.950, 15.678

64, 26.723,
190.103

76, 27.668, 16.378

63, 30.656,
189.390

78, 34.027, 15.918

63, 33.850,
188.658

78, 34.011, 14.847

63, 36.274,
187.896

78, 34.008, 13.777

62, 37.942,
187.086

62, 38.979,
186.226

Harmonies

Complementary

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



68, 5.229, 192.992



65, 5.469, 14.023

Rectangle

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



68, 5.229, 192.992



68, 5.229, 242.992



68, 5.229, 12.992



68, 5.229, 62.992

Sweetspot

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



68, 5.230, 192.977



87, 1.577, 193.695



68, 9.173, 141.777



46, 0.895, 193.725



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



68, 5.230, 192.977



86, 7.773, 192.829



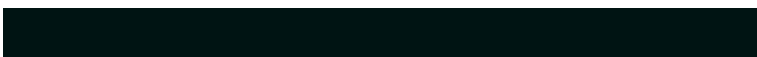
66, 4.377, 246.916



35, 3.553, 192.899



55, 35.519, 186.184



5, 6.652, 191.260

Inverse Universe

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



65, 5.469, 14.023



81, 8.211, 14.198



67, 4.507, 64.949



33, 3.735, 14.115



30, 66.523, 36.427



1, 6.606, 14.291

Previews

White Background



This preview shows how the CIELCh color 68, 5.229, 192.992 looks on a white background.

Color Contrast Check

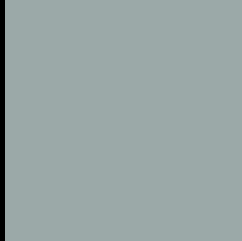
Large Text (above 18pt) WCAG AA × Fail

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 68, 5.229, 192.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

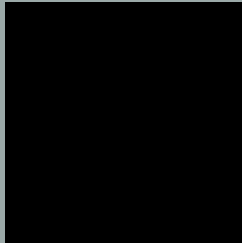
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

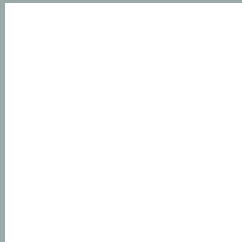
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 5.229, 192.992

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.229, 192.992.

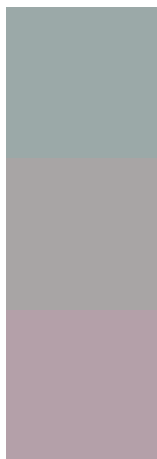


This preview shows how white text looks on a background with the CIELCh color 68, 5.229, 192.992.

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

68, 5.229, 192.992

Protanopia

68, 1.140, 19.087

Deuteranopia

68, 9.114, 347.362



Tritanopia
68, 7.941, 263.905

Trichromacy



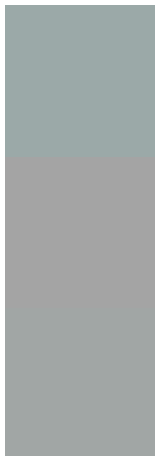
Original Color
68, 5.229, 192.992

Protanomaly
68, 1.129, 199.732

Deuteranomaly
68, 4.120, 337.742

Tritanomaly
68, 5.768, 241.214

Monochromacy



Original Color
68, 5.229, 192.992

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 1.966, 183.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.229, 192.992 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(155, 169, 168)` looks like.

```
.text, #text, p{  
    color:rgb(155, 169, 168)  
}
```

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(155, 169, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 169, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.229, 192.992 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(155, 169, 168) }
```

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

```
.border{ border-color:rgb(155, 169, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 169, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 169, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 169, 168);  
box-shadow:4px 4px 4px 4px rgb(155, 169,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.229, 192.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 169, 168) }
```

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

```
.background{ background-color: rgb(155,  
169, 168) }
```

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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