

Converting Colors

CIELCh(68, 6.605, 165.122)

Have a look what the booklet for
CIELCh(68, 6.605, 165.122) contains.

CIELCh(68, 6.570, 163.028)	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(68, 6.570, 163.028)

Conversions

Conversions Part 1

Format	Color
Hex	9BA9A2
RGB	155, 169, 162
RGB Percent	61%, 66%, 64%
CMY	0.3920, 0.3371, 0.3646
CMYK	0.08, 0.00, 0.04, 0.34
HSL	150°, 8%, 64%
HSV	150°, 8%, 66%
XYZ	34.2446, 37.9720, 39.7243
YIQ	164.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

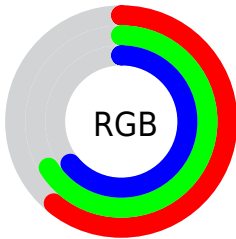
Format	Color
RYB	155, 164, 169
Decimal	10201506
CIELab	68.00, -6.28, 1.92
CIElCh	68, 6.570, 163.028
Yxy	37.9720, 0.3059, 0.3392
Android (android.graphics.Color)	4288391586 (0xFF9BA9A2)
YUV	164.0160, -0.9939, -7.9070
Hunter-Lab	61.6215, -8.6407, 4.9137

Details

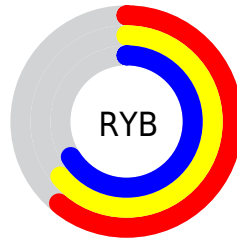
The CIELCh color **68, 6.570, 163.028** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 6.647, 344.269**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 6.521, 164.987**, and **48, 6.711, 160.814** is the 20% darker color. If you saturate the color by 10%, you get **67, 14.500, 162.099**, and if you desaturate by 10%, it is **70, 1.365, 343.515**.

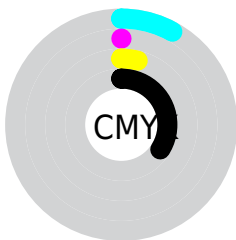
Distribution



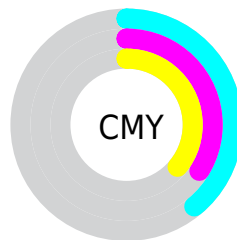
- Red (61%)
- Green (66%)
- Blue (64%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (39%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 6.570, 163.028 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, 6.570, 163.028 by changing the saturation by 10% instead.

■ 68, 6.570, 163.028

■ 68, 6.570, 163.028

■ 100, 6.570,
163.028

■ 58, 6.570, 163.028

■ 88, 6.570, 163.028

■ 48, 6.570, 163.028

■ 98, 6.570, 163.028

■ 38, 6.570, 163.028

■ 28, 6.570, 163.028

■ 18, 6.570, 163.028

■ 8, 6.570, 163.028

■ 0, 6.570, 163.028

■ 68, 6.570, 163.028

■ 68, 6.570, 163.028

■ 67, 14.500,

■ 70, 1.365, 343.515

162.099

71, 9.235, 344.477

65, 22.324,
161.095

73, 16.981,
345.174

64, 29.930,
159.975

75, 24.562,
345.809

63, 37.189,
158.713

77, 31.953,
346.397

63, 43.972,
157.285

79, 38.717,
346.411

62, 50.157,
155.669

79, 41.157,
341.141

61, 55.654,
153.849

79, 43.937,
336.555

61, 60.424,
151.824

80, 46.989,
332.597

61, 64.547,
149.659

Harmonies

Complementary

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



68, 6.570, 163.028



65, 6.647, 344.269

Rectangle

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



68, 6.570, 163.028



68, 6.570, 213.028



68, 6.570, 343.028



68, 6.570, 33.028

Sweetspot

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



68, 6.572, 163.023



87, 1.953, 163.706



68, 8.125, 128.133



46, 1.108, 163.728



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, 6.572, 163.023



86, 9.808, 162.850



68, 5.184, 197.629



35, 4.474, 162.932



54, 58.802, 149.578



5, 8.590, 160.081

Inverse Universe

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



65, 6.647, 344.269



82, 9.939, 344.442



65, 5.449, 18.474



33, 4.530, 344.360



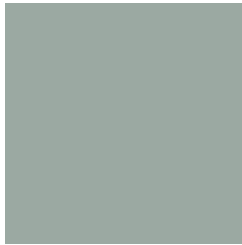
31, 56.546, 1.172



2, 7.800, 347.576

Previews

White Background



This preview shows how the CIELCh color 68, 6.570, 163.028 looks on a white background.

Color Contrast Check

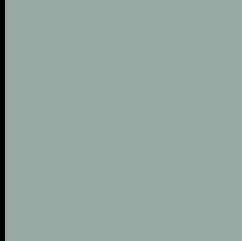
Large Text (above 18pt) WCAG AA × Fail

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 68, 6.570, 163.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

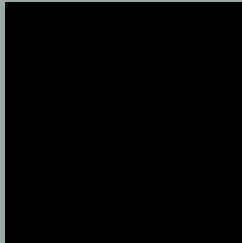
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 6.570, 163.028

Background



This preview shows how black text looks on a background with the CIELCh color 68, 6.570, 163.028.



This preview shows how white text looks on a background with the CIELCh color 68, 6.570, 163.028.

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, 6.570, 163.028

Protanopia

68, 3.336, 74.621

Deuteranopia

68, 8.780, 5.723



Tritanopia
68, 8.178, 270.287

Trichromacy



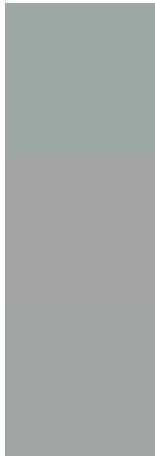
Original Color
68, 6.570, 163.028

Protanomaly
68, 2.771, 117.799

Deuteranomaly
68, 3.450, 19.577

Tritanomaly
68, 4.890, 241.874

Monochromacy



Original Color
68, 6.570, 163.028

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 2.523, 158.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 6.570, 163.028 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(155, 169, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 169, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 6.570, 163.028 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, 162) }
```

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

```
.border{ border-color:rgb(155, 169, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(155, 169,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 6.570, 163.028 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, 162) }
```

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

```
.background{ background-color: rgb(155,  
169, 162) }
```

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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