

Converting Colors

CIELCh(68, 7.171, 121.487)

Have a look what the booklet for
CIELCh(68, 7.171, 121.487) contains.

CIELCh(68, 6.692, 119.478)	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, 6.692, 119.478)

Conversions

Conversions Part 1

Format	Color
Hex	A4A79B
RGB	164, 167, 155
RGB Percent	64%, 65%, 61%
CMY	0.3563, 0.3445, 0.3916
CMYK	0.02, 0.00, 0.07, 0.34
HSL	75°, 6%, 63%
HSV	75°, 7%, 66%
XYZ	35.1154, 37.9720, 36.5538
YIQ	164.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

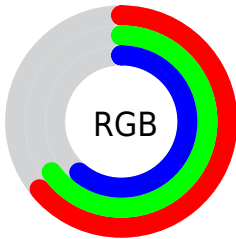
Format	Color
RYB	155, 167, 158
Decimal	10790811
CIELab	68.00, -3.29, 5.83
CIELCh	68, 6.692, 119.478
Yxy	37.9720, 0.3203, 0.3463
Android (android.graphics.Color)	4288980891 (0xFFA4A79B)
YUV	164.7350, -4.7994, -0.6446
Hunter-Lab	61.6215, -6.1180, 7.9643

Details

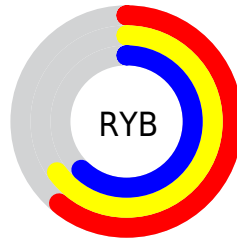
The CIELCh color **68, 6.692, 119.478** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 6.800, 300.364**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 6.857, 118.806**, and **48, 6.585, 120.236** is the 20% darker color. If you saturate the color by 10%, you get **67, 15.998, 118.863**, and if you desaturate by 10%, it is **69, 2.638, 300.074**.

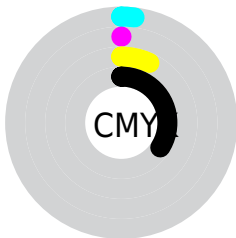
Distribution



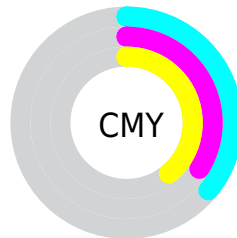
- Red (64%)
- Green (65%)
- Blue (61%)



- Red (61%)
- Yellow (65%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 6.692, 119.478 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, 6.692, 119.478 by changing the saturation by 10% instead.

■ 68, 6.692, 119.478

■ 68, 6.692, 119.478

■ 100, 6.692,
119.478

■ 58, 6.692, 119.478

■ 88, 6.692, 119.478

■ 48, 6.692, 119.478

■ 98, 6.692, 119.478

■ 38, 6.692, 119.478

■ 28, 6.692, 119.478

■ 18, 6.692, 119.478

■ 8, 6.692, 119.478

■ 0, 6.692, 119.478

■ 68, 6.692, 119.478

■ 68, 6.692, 119.478

■ 67, 15.998,

■ 69, 2.638, 300.074

118.863

70, 11.956,
300.656

67, 25.216,
118.236

70, 21.228,
301.201

66, 34.257,
117.624

71, 30.433,
301.711

65, 42.992,
117.057

72, 39.553,
302.186

65, 51.224,
116.580

73, 48.345,
302.656

65, 58.672,
116.258

74, 48.522,
304.210

64, 64.959,
116.178

74, 48.731,
305.769

64, 69.677,
116.439

74, 48.972,
307.329

63, 72.658,
117.089

Harmonies

Complementary

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



68, 6.692, 119.478



65, 6.800, 300.364

Rectangle

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



68, 6.692, 119.478



68, 6.692, 169.478



68, 6.692, 299.478



68, 6.692, 349.478

Sweetspot

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



68, 6.694, 119.486



86, 2.296, 119.809



66, 3.858, 44.994



46, 1.316, 119.816



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, 6.694, 119.486



86, 10.364, 119.363



68, 7.480, 137.010



35, 5.304, 119.355



57, 67.038, 117.159



6, 9.813, 122.537

Inverse Universe

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



65, 6.800, 300.364



81, 10.563, 300.497



65, 7.525, 317.572



33, 5.407, 300.506



18, 87.035, 307.880



1, 9.682, 298.582

Previews

White Background



This preview shows how the CIELCh color 68, 6.692, 119.478 looks on a white background.

Color Contrast Check

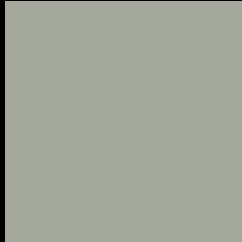
Large Text (above 18pt) WCAG AA × Fail

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, 6.692, 119.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

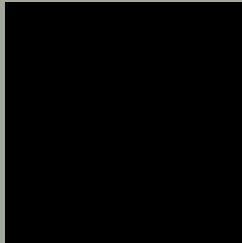
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

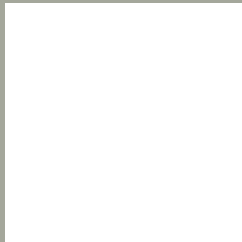
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 6.692, 119.478

Background



This preview shows how black text looks on a background with the CIELCh color 68, 6.692, 119.478.



This preview shows how white text looks on a background with the CIELCh color 68, 6.692, 119.478.

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, 6.692, 119.478

Protanopia

68, 6.462, 88.267

Deuteranopia

68, 9.976, 29.680



Tritanopia
68, 7.273, 299.653

Trichromacy



Original Color
68, 6.692, 119.478

Protanomaly
68, 6.675, 99.396

Deuteranomaly
68, 6.687, 54.714

Tritanomaly
68, 2.247, 300.041

Monochromacy



Original Color
68, 6.692, 119.478

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.771, 117.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 6.692, 119.478 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(164, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(164, 167, 155)  
}
```

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(164, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 167, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 6.692, 119.478 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(164, 167, 155) }
```

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

```
.border{ border-color:rgb(164, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(164, 167,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 6.692, 119.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 167, 155) }
```

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

```
.background{ background-color: rgb(164,  
167, 155) }
```

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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