

Converting Colors

CIELCh(68, 8.027, 288.786)

Have a look what the booklet for
CIELCh(68, 8.027, 288.786) contains.

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Color

CIELCh(68, 7.719, 288.260)

Conversions

Conversions Part 1

Format	Color
Hex	A4A5B3
RGB	164, 165, 179
RGB Percent	64%, 65%, 70%
CMY	0.3575, 0.3536, 0.2987
CMYK	0.08, 0.08, 0.00, 0.30
HSL	236°, 9%, 67%
HSV	236°, 8%, 70%
XYZ	36.8194, 37.9720, 47.9461
YIQ	166.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

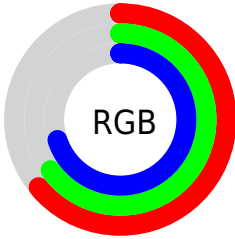
Format	Color
RYB	164, 165, 179
Decimal	10790323
CIELab	68.00, 2.42, -7.33
CIElCh	68, 7.719, 288.260
Yxy	37.9720, 0.3000, 0.3094
Android (android.graphics.Color)	4288980403 (0xFFA4A5B3)
YUV	166.2970, 6.2626, -2.0145
Hunter-Lab	61.6215, -1.1822, -2.9971

Details

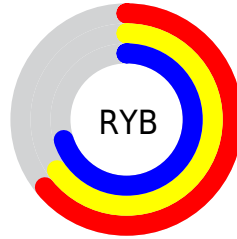
The CIELCh color $68, 7.719, 288.260$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 7.585, 106.508$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 7.840, 288.285$, and $48, 7.675, 288.322$ is the 20% darker color. If you saturate the color by 10%, you get $62, 17.229, 289.470$, and if you desaturate by 10%, it is $74, 1.448, 107.140$.

Distribution



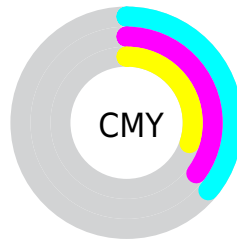
- Red (64%)
- Green (65%)
- Blue (70%)



- Red (64%)
- Yellow (65%)
- Blue (70%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.719, 288.260 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, 7.719, 288.260 by changing the saturation by 10% instead.

■ 68, 7.719, 288.260

■ 68, 7.719, 288.260

■ 100, 7.719,
288.260

■ 58, 7.719, 288.260

■ 88, 7.719, 288.260

■ 48, 7.719, 288.260

■ 98, 7.719, 288.260

■ 38, 7.719, 288.260

■ 28, 7.719, 288.260

■ 18, 7.719, 288.260

■ 8, 7.719, 288.260

■ 0, 7.719, 288.260

■ 68, 7.719, 288.260

■ 68, 7.719, 288.260

■ 62, 17.229,

■ 74, 1.448, 107.140

289.470

80, 10.293,
106.298

56, 27.115,
290.904

85, 18.841,
105.536

50, 37.405,
292.582

91, 27.110,
104.876

45, 48.114,
294.523

97, 35.119,
104.303

39, 59.208,
296.719

98, 38.220,
107.263

34, 70.517,
299.103

29, 81.570,
301.515

25, 91.393,
303.689

22, 98.605,
305.280

Harmonies

Complementary

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



68, 7.719, 288.260



72, 7.585, 106.508

Rectangle

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



68, 7.719, 288.260



68, 7.719, 338.260



68, 7.719, 108.260



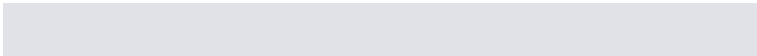
68, 7.719, 158.260

Sweetspot

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



68, 7.717, 288.253



90, 3.386, 287.695



72, 5.557, 191.984



48, 2.589, 287.772



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 7.717, 288.253



85, 11.408, 288.455



68, 8.614, 306.503



35, 5.212, 288.358



18, 88.134, 305.283



1, 12.632, 288.034

Inverse Universe

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



69, 5.795, 14.417



86, 8.593, 14.582



72, 8.492, 125.719



35, 3.920, 14.503



31, 68.490, 36.784



2, 9.191, 15.116

Previews

White Background



This preview shows how the CIELCh color 68, 7.719, 288.260 looks on a white background.

Color Contrast Check

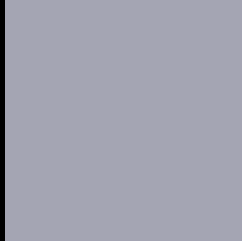
Large Text (above 18pt) WCAG AA × Fail

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, 7.719, 288.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

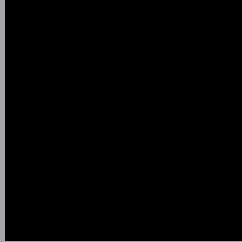
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

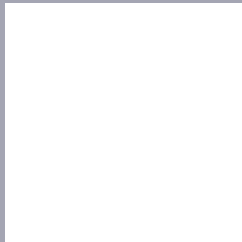
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 7.719, 288.260

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.719, 288.260.

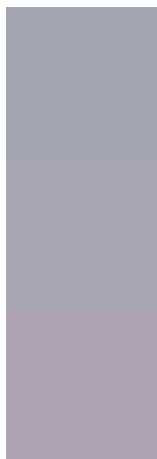


This preview shows how white text looks on a background with the CIELCh color 68, 7.719, 288.260.

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, 7.719, 288.260

Protanopia

68, 7.716, 290.970

Deuteranopia

68, 11.744, 317.316



Tritanopia
68, 7.169, 287.990

Trichromacy



Original Color
68, 7.719, 288.260

Protanomaly
68, 7.716, 290.970

Deuteranomaly
68, 10.516, 309.501

Tritanomaly
68, 7.169, 287.990

Monochromacy



Original Color
68, 7.719, 288.260

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.777, 282.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.719, 288.260 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, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(164, 165, 179)  
}
```

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, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 165, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.719, 288.260 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, 165, 179) }
```

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

```
.border{ border-color:rgb(164, 165, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 165, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 165, 179);  
box-shadow:4px 4px 4px 4px rgb(164, 165,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.719, 288.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 165, 179) }
```

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

```
.background{ background-color: rgb(164,  
165, 179) }
```

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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