

Converting Colors

CIELCh(68, 7.284, 235.436)

Have a look what the booklet for
CIELCh(68, 7.284, 235.436) contains.

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Color

CIELCh(68, 7.186, 237.011)

Conversions

Conversions Part 1

Format	Color
Hex	98A8B0
RGB	152, 168, 176
RGB Percent	60%, 66%, 69%
CMY	0.4027, 0.3399, 0.3086
CMYK	0.14, 0.05, 0.00, 0.31
HSL	200°, 13%, 64%
HSV	200°, 14%, 69%
XYZ	34.9338, 37.9720, 46.7250
YIQ	164.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

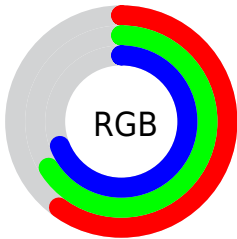
Format	Color
RYB	152, 162, 176
Decimal	10004656
CIELab	68.00, -3.91, -6.03
CIElCh	68, 7.186, 237.011
Yxy	37.9720, 0.2920, 0.3174
Android (android.graphics.Color)	4288194736 (0xFF98A8B0)
YUV	164.1280, 5.8529, -10.6363
Hunter-Lab	61.6215, -6.6440, -1.8221

Details

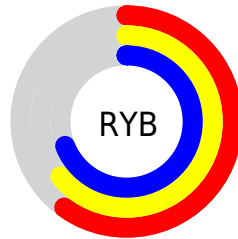
The CIELCh color **68, 7.186, 237.011** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 7.697, 54.583**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 7.440, 238.436**, and **48, 7.299, 239.380** is the 20% darker color. If you saturate the color by 10%, you get **65, 12.199, 238.161**, and if you desaturate by 10%, it is **71, 1.945, 236.209**.

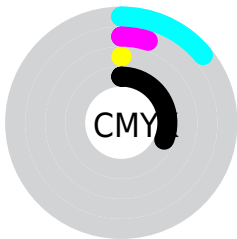
Distribution



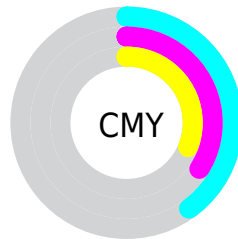
- Red (60%)
- Green (66%)
- Blue (69%)



- Red (60%)
- Yellow (64%)
- Blue (69%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.186, 237.011 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, 7.186, 237.011 by changing the saturation by 10% instead.

■ 68, 7.186, 237.011

■ 68, 7.186, 237.011

■ 100, 7.186,
237.011

■ 58, 7.186, 237.011

■ 88, 7.186, 237.011

■ 48, 7.186, 237.011

■ 98, 7.186, 237.011

■ 38, 7.186, 237.011

■ 28, 7.186, 237.011

■ 18, 7.186, 237.011

■ 8, 7.186, 237.011

■ 0, 7.186, 237.011

■ 68, 7.186, 237.011

■ 68, 7.186, 237.011

■ 65, 12.199,

■ 71, 1.945, 236.209

238.161

74, 3.473, 55.084

62, 16.931,
239.632

77, 9.024, 54.540

60, 21.327,
241.471

80, 14.673, 54.053

57, 25.340,
243.757

83, 20.387, 53.648

55, 28.939,
246.574

86, 25.090, 54.819

52, 32.130,
249.998

87, 25.181, 63.082

50, 34.963,
254.072

89, 25.799, 71.096

48, 37.551,
258.765

90, 26.902, 78.565

47, 39.201,
261.865

Harmonies

Complementary

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



68, 7.186, 237.011



67, 7.697, 54.583

Rectangle

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



68, 7.186, 237.011



68, 7.186, 287.011



68, 7.186, 57.011



68, 7.186, 107.011

Sweetspot

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



68, 7.186, 236.998



90, 2.664, 236.223



70, 12.820, 154.007



47, 1.888, 236.257



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 7.186, 236.998



85, 10.407, 237.280



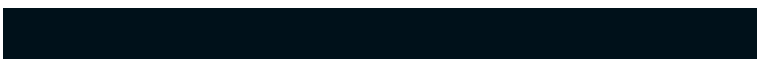
65, 10.989, 283.035



36, 3.044, 236.591



41, 35.079, 261.231



4, 7.724, 248.700

Inverse Universe

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



65, 12.757, 336.598



82, 18.608, 336.800



70, 10.807, 99.864



35, 5.342, 336.275



33, 61.951, 347.035



2, 11.881, 340.583

Previews

White Background



This preview shows how the CIELCh color 68, 7.186, 237.011 looks on a white background.

Color Contrast Check

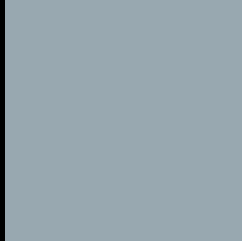
Large Text (above 18pt) WCAG AA × Fail

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, 7.186, 237.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

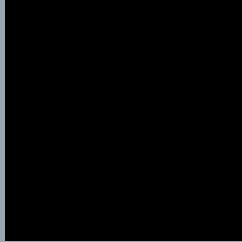
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

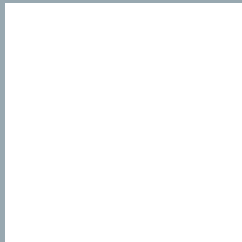
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 7.186, 237.011

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.186, 237.011.



This preview shows how white text looks on a background with the CIELCh color 68, 7.186, 237.011.

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

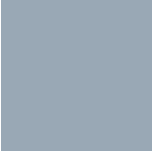
68, 7.186, 237.011

Protanopia

68, 4.982, 294.961

Deuteranopia

68, 10.960, 321.644



Tritanopia
68, 8.831, 253.517

Trichromacy



Original Color
68, 7.186, 237.011

Protanomaly
68, 5.257, 270.247

Deuteranomaly
68, 7.273, 299.653

Tritanomaly
68, 8.006, 248.473

Monochromacy



Original Color
68, 7.186, 237.011

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 2.481, 225.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.186, 237.011 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, 168, 176)` looks like.

```
.text, #text, p{  
    color:rgb(152, 168, 176)  
}
```

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, 168, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 168, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.186, 237.011 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, 168, 176) }
```

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

```
.border{ border-color:rgb(152, 168, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 168, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 168, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 168, 176); box-shadow:4px 4px 4px 4px rgb(152, 168, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.186, 237.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 168, 176) }
```

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

```
.background{ background-color: rgb(152,  
168, 176) }
```

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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