

Converting Colors

CIELCh(68, 13.996, 280.008)

Have a look what the booklet for
CIELCh(68, 13.996, 280.008)
contains.

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Color

CIELCh(68, 13.996, 280.008)

Conversions

Conversions Part 1

Format	Color
Hex	9DA5BE
RGB	157, 165, 190
RGB Percent	62%, 65%, 75%
CMY	0.3829, 0.3516, 0.2535
CMYK	0.17, 0.13, 0.00, 0.25
HSL	225°, 20%, 68%
HSV	225°, 17%, 75%
XYZ	36.8235, 37.9720, 54.3084
YIQ	165.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

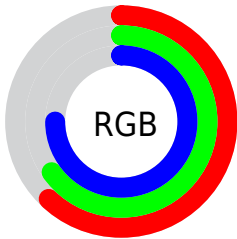
Format	Color
RYB	157, 163, 190
Decimal	10331582
CIELab	68.00, 2.43, -13.78
CIELCh	68, 13.996, 280.008
Yxy	37.9720, 0.2852, 0.2941
Android (android.graphics.Color)	4288521662 (0xFF9DA5BE)
YUV	165.4580, 12.0992, -7.4177
Hunter-Lab	61.6215, -1.1701, -9.1186

Details

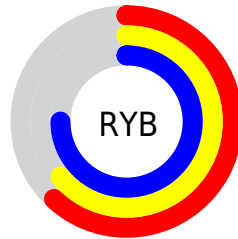
The CIELCh color **68, 13.996, 280.008** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 13.817, 95.681**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 13.793, 279.986**, and **48, 14.383, 280.351** is the 20% darker color. If you saturate the color by 10%, you get **63, 22.351, 281.603**, and if you desaturate by 10%, it is **73, 5.855, 278.647**.

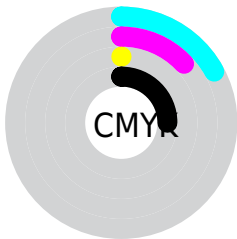
Distribution



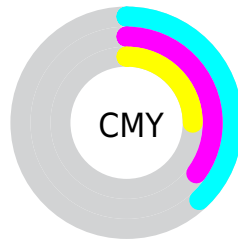
- Red (62%)
- Green (65%)
- Blue (75%)



- Red (62%)
- Yellow (64%)
- Blue (75%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 13.996, 280.008 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, 13.996, 280.008 by changing the saturation by 10% instead.

■ 68, 13.996,
280.008

■ 68, 13.996,
280.008

■ 100, 13.996,
280.008

■ 58, 13.996,
280.008

■ 88, 13.996,
280.008

■ 48, 13.996,
280.008

■ 98, 13.996,
280.008

■ 38, 13.996,
280.008

■ 28, 13.996,
280.008

■ 18, 13.996,
280.008

■ 8, 13.996, 280.008

■ 0, 13.996, 280.008

68, 13.996,
280.008

68, 13.996,
280.008

63, 22.351,
281.603

73, 5.855, 278.647

57, 30.942,
283.472

78, 2.083, 97.352

52, 39.795,
285.647

84, 9.829, 96.396

47, 48.936,
288.151

94, 24.773, 94.742

42, 58.379,
290.975

98, 31.068,
105.592

38, 68.078,
294.051

99, 32.532,
107.702

33, 77.837,
297.232

30, 87.208,

300.265

■ 29, 89.566,
300.972

Harmonies

Complementary

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



68, 13.996, 280.008



74, 13.817, 95.681

Rectangle

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



68, 13.996, 280.008



68, 13.996, 330.008



68, 13.996, 100.008



68, 13.996, 150.008

Sweetspot

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



68, 13.995, 280.004



94, 4.923, 278.378



75, 12.775, 177.945



50, 3.388, 278.461



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 13.995, 280.004



84, 21.071, 280.613



67, 18.587, 301.091



37, 4.498, 278.900



23, 77.033, 300.552



2, 14.481, 282.665

Inverse Universe

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



68, 13.510, 1.776



84, 20.415, 2.254



76, 17.948, 118.835



37, 4.304, 0.889



33, 62.964, 25.361



3, 12.651, 5.727

Previews

White Background



This preview shows how the CIELCh color 68, 13.996, 280.008 looks on a white background.

Color Contrast Check

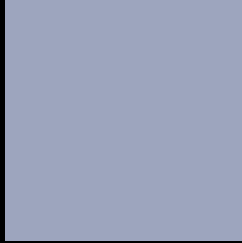
Large Text (above 18pt) WCAG AA × Fail

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, 13.996, 280.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

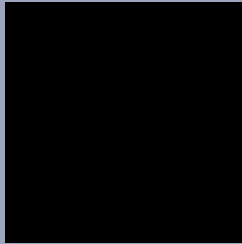
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 13.996, 280.008

Background



This preview shows how black text looks on a background with the CIELCh color 68, 13.996, 280.008.



This preview shows how white text looks on a background with the CIELCh color 68, 13.996, 280.008.

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, 13.996, 280.008

Protanopia

68, 14.355, 287.405

Deuteranopia

68, 16.862, 301.568



Tritanopia
68, 8.100, 261.639

Trichromacy



Original Color
68, 13.996, 280.008

Protanomaly
68, 14.378, 286.010

Deuteranomaly
68, 15.478, 294.365

Tritanomaly
68, 10.457, 271.276

Monochromacy



Original Color
68, 13.996, 280.008

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.062, 278.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 13.996, 280.008 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(157, 165, 190)` looks like.

```
.text, #text, p{  
    color:rgb(157, 165, 190)  
}
```

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(157, 165, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 13.996, 280.008 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(157, 165, 190) }
```

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

```
.border{ border-color:rgb(157, 165, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 165, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 165, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 165, 190);  
box-shadow:4px 4px 4px 4px rgb(157, 165,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 13.996, 280.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 190) }
```

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

```
.background{ background-color: rgb(157,  
165, 190) }
```

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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