

Converting Colors

CIELCh(68, 9.147, 328.770)

Have a look what the booklet for
CIELCh(68, 9.147, 328.770) contains.

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Color

CIELCh(68, 9.157, 328.773)

Conversions

Conversions Part 1

Format	Color
Hex	B0A1AE
RGB	176, 161, 174
RGB Percent	69%, 63%, 68%
CMY	0.3083, 0.3671, 0.3161
CMYK	0.00, 0.09, 0.01, 0.31
HSL	308°, 9%, 66%
HSV	308°, 9%, 69%
XYZ	38.4839, 37.9720, 45.5455
YIQ	166.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

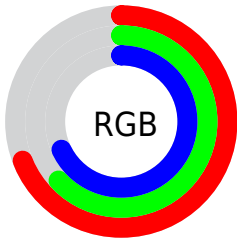
Format	Color
RYB	176, 161, 174
Decimal	11575726
CIELab	68.00, 7.83, -4.75
CIELCh	68, 9.157, 328.773
Yxy	37.9720, 0.3154, 0.3112
Android (android.graphics.Color)	4289765806 (0xFFB0A1AE)
YUV	166.9670, 3.4673, 7.9219
Hunter-Lab	61.6215, 3.6394, -0.6873

Details

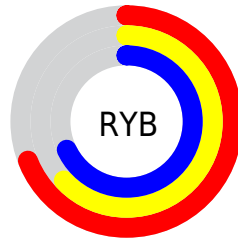
The CIELCh color $68, 9.157, 328.773$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 9.133, 147.818$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 8.919, 330.482$, and $48, 9.540, 327.020$ is the 20% darker color. If you saturate the color by 10%, you get $63, 20.015, 329.383$, and if you desaturate by 10%, it is $73, 1.586, 148.392$.

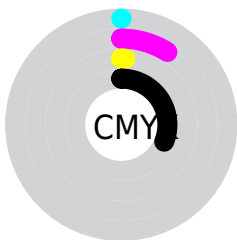
Distribution



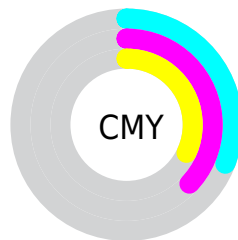
- Red (69%)
- Green (63%)
- Blue (68%)



- Red (69%)
- Yellow (63%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (31%)



- Cyan (31%)
- Magenta (37%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.157, 328.773 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, 9.157, 328.773 by changing the saturation by 10% instead.

■ 68, 9.157, 328.773

■ 68, 9.157, 328.773

■ 100, 9.157,
328.773

■ 58, 9.157, 328.773

■ 88, 9.157, 328.773

■ 48, 9.157, 328.773

■ 98, 9.157, 328.773

■ 38, 9.157, 328.773

■ 28, 9.157, 328.773

■ 18, 9.157, 328.773

■ 8, 9.157, 328.773

■ 0, 9.157, 328.773

■ 68, 9.157, 328.773

■ 68, 9.157, 328.773

■ 63, 20.015,

■ 73, 1.586, 148.392

329.383

77, 12.111,
147.689

59, 30.838,
329.992

82, 22.364,
147.143

55, 41.397,
330.602

87, 32.319,
146.630

51, 51.377,
331.211

92, 41.967,
146.144

48, 60.377,
331.813

94, 44.202,
146.645

45, 67.945,
332.409

94, 43.250,
147.609

43, 73.653,
333.004

94, 42.306,
148.612

41, 77.214,
333.612

94, 41.372,
149.659

41, 78.798,
334.248

Harmonies

Complementary

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



68, 9.157, 328.773



71, 9.133, 147.818

Rectangle

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



68, 9.157, 328.773



68, 9.157, 18.773



68, 9.157, 148.773



68, 9.157, 198.773

Sweetspot

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



68, 9.155, 328.774



89, 3.988, 328.405



67, 8.344, 296.084



47, 3.021, 328.467



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, 9.155, 328.774



85, 13.346, 328.877



68, 6.498, 352.220



35, 6.158, 328.825



35, 71.205, 334.266



2, 14.199, 330.325

Inverse Universe

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



68, 9.155, 328.774



85, 13.346, 328.877



71, 6.373, 170.815



35, 6.158, 328.825



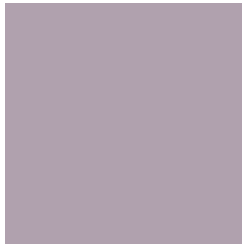
35, 71.205, 334.266



2, 14.199, 330.325

Previews

White Background



This preview shows how the CIELCh color 68, 9.157, 328.773 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, 9.157, 328.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

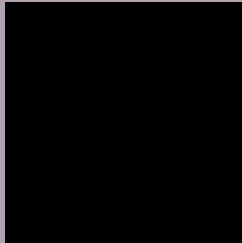
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 9.157, 328.773

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.157, 328.773.



This preview shows how white text looks on a background with the CIELCh color 68, 9.157, 328.773.

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, 9.157, 328.773

Protanopia

68, 6.081, 294.281

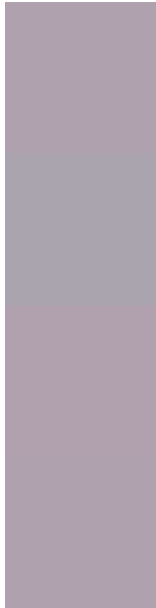
Deuteranopia

68, 9.642, 332.368



Tritanopia
68, 9.157, 328.773

Trichromacy



Original Color
68, 9.157, 328.773

Protanomaly
68, 6.491, 310.886

Deuteranomaly
68, 9.395, 330.614

Tritanomaly
68, 9.157, 328.773

Monochromacy



Original Color
68, 9.157, 328.773

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.358, 324.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.157, 328.773 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(176, 161, 174)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 174)  
}
```

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(176, 161, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.157, 328.773 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(176, 161, 174) }
```

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

```
.border{ border-color:rgb(176, 161, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 161, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 161, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 161, 174);  
box-shadow:4px 4px 4px 4px rgb(176, 161,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.157, 328.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 174) }
```

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

```
.background{ background-color: rgb(176,  
161, 174) }
```

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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