

Converting Colors

CIELCh(68, 8.999, 326.703)

Have a look what the booklet for
CIELCh(68, 8.999, 326.703) contains.

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Color

CIELCh(68, 8.920, 326.840)

Conversions

Conversions Part 1

Format	Color
Hex	B0A2AF
RGB	176, 162, 175
RGB Percent	69%, 64%, 69%
CMY	0.3113, 0.3662, 0.3152
CMYK	0.00, 0.08, 0.01, 0.31
HSL	304°, 8%, 66%
HSV	304°, 8%, 69%
XYZ	38.3707, 37.9720, 45.6660
YIQ	167.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

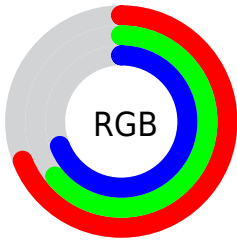
Format	Color
RYB	176, 162, 175
Decimal	11575983
CIELab	68.00, 7.47, -4.88
CIELCh	68, 8.920, 326.840
Yxy	37.9720, 0.3145, 0.3112
Android (android.graphics.Color)	4289766063 (0xFFB0A2AF)
YUV	167.6680, 3.6147, 7.3072
Hunter-Lab	61.6215, 3.3116, -0.8032

Details

The CIELCh color $68, 8.920, 326.840$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 8.900, 145.983$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 9.099, 326.618$, and $48, 9.297, 324.976$ is the 20% darker color. If you saturate the color by 10%, you get $63, 20.206, 327.420$, and if you desaturate by 10%, it is $73, 2.247, 146.424$.

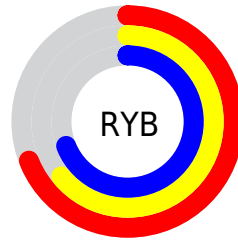
Distribution



Red (69%)

Green (64%)

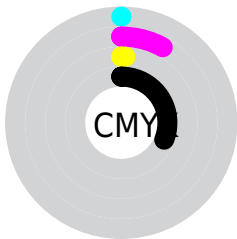
Blue (69%)



Red (69%)

Yellow (64%)

Blue (69%)

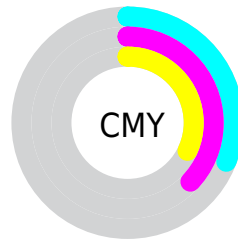


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 8.920, 326.840 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, 8.920, 326.840 by changing the saturation by 10% instead.

■ 68, 8.920, 326.840

■ 68, 8.920, 326.840

■ 100, 8.920,
326.840

■ 58, 8.920, 326.840

■ 88, 8.920, 326.840

■ 48, 8.920, 326.840

■ 98, 8.920, 326.840

■ 38, 8.920, 326.840

■ 28, 8.920, 326.840

■ 18, 8.920, 326.840

■ 8, 8.920, 326.840

■ 0, 8.920, 326.840

■ 68, 8.920, 326.840

■ 68, 8.920, 326.840

■ 63, 20.206,

■ 73, 2.247, 146.424

327.420

77, 13.188,
145.792

59, 31.457,
327.990

82, 23.846,
145.264

55, 42.440,
328.549

87, 34.192,
144.764

51, 52.836,
329.086

92, 44.216,
144.291

48, 62.246,
329.593

93, 46.974,
144.454

45, 70.221,
330.061

94, 46.457,
144.912

43, 76.342,
330.484

94, 45.941,
145.379

42, 80.326,
330.864

94, 45.428,
145.856

41, 82.300,
331.214

Harmonies

Complementary

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



68, 8.920, 326.840



70, 8.900, 145.983

Rectangle

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



68, 8.920, 326.840



68, 8.920, 16.840



68, 8.920, 146.840



68, 8.920, 196.840

Sweetspot

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



68, 8.918, 326.840



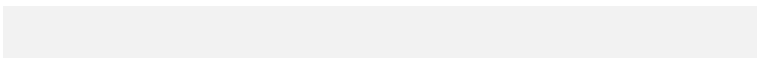
90, 2.777, 326.428



67, 7.753, 293.514



48, 1.577, 326.415



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, 8.918, 326.840



85, 13.933, 326.971



68, 6.310, 348.037



34, 6.277, 326.919



35, 73.778, 331.243



2, 12.906, 327.365

Inverse Universe

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



68, 8.918, 326.840



85, 13.933, 326.971



70, 6.220, 166.785



34, 6.277, 326.919



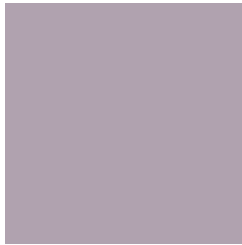
35, 73.778, 331.243



2, 12.906, 327.365

Previews

White Background



This preview shows how the CIELCh color 68, 8.920, 326.840 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, 8.920, 326.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

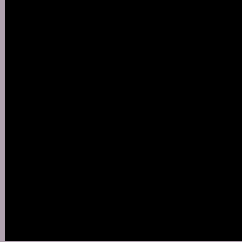
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 8.920, 326.840

Background



This preview shows how black text looks on a background with the CIELCh color 68, 8.920, 326.840.



This preview shows how white text looks on a background with the CIELCh color 68, 8.920, 326.840.

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, 8.920, 326.840

Protanopia

68, 6.630, 294.039

Deuteranopia

68, 10.053, 330.267



Tritanopia
68, 8.487, 329.045

Trichromacy



Original Color
68, 8.920, 326.840

Protanomaly
68, 6.897, 306.421

Deuteranomaly
68, 9.818, 328.540

Tritanomaly
68, 8.487, 329.045

Monochromacy



Original Color
68, 8.920, 326.840

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, 8.920, 326.840 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, 162, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 175)  
}
```

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, 162, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 8.920, 326.840 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, 162, 175) }
```

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

```
.border{ border-color:rgb(176, 162, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 8.920, 326.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 175) }
```

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

```
.background{ background-color: rgb(176,  
162, 175) }
```

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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