

Converting Colors

CIELCh(68, 8.663, 324.853)

Have a look what the booklet for
CIELCh(68, 8.663, 324.853) contains.

CIELCh(68, 8.704, 324.816)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 8.704, 324.816)

Conversions

Conversions Part 1

Format	Color
Hex	AFA2AF
RGB	175, 162, 175
RGB Percent	69%, 64%, 69%
CMY	0.3143, 0.3653, 0.3143
CMYK	0.00, 0.07, 0.00, 0.31
HSL	300°, 7%, 66%
HSV	300°, 7%, 69%
XYZ	38.2607, 37.9720, 45.7908
YIQ	167.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

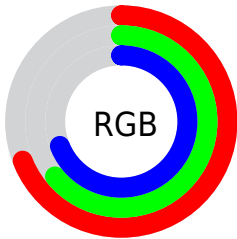
Format	Color
R_{YB}	175, 162, 175
Decimal	11510447
CIE _{Lab}	68.00, 7.11, -5.02
CIE _{LCh}	68, 8.704, 324.816
Yxy	37.9720, 0.3136, 0.3112
Android (android.graphics.Color)	4289700527 (0xFFAFA2AF)
YUV	167.3690, 3.7621, 6.6924
Hunter-Lab	61.6215, 2.9929, -0.9233

Details

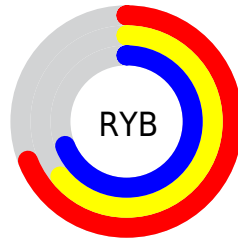
The CIELCh color **68, 8.704, 324.816** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 8.686, 144.044**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 8.893, 324.743**, and **48, 9.297, 324.976** is the 20% darker color. If you saturate the color by 10%, you get **64, 20.503, 325.372**, and if you desaturate by 10%, it is **73, 2.970, 144.384**.

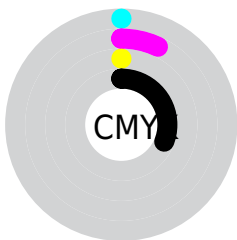
Distribution



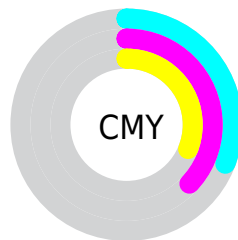
- Red (69%)
- Green (64%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 8.704, 324.816 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, 8.704, 324.816 by changing the saturation by 10% instead.

■ 68, 8.704, 324.816

■ 68, 8.704, 324.816

■ 100, 8.704,
324.816

■ 58, 8.704, 324.816

■ 88, 8.704, 324.816

■ 48, 8.704, 324.816

■ 98, 8.704, 324.816

■ 38, 8.704, 324.816

■ 28, 8.704, 324.816

■ 18, 8.704, 324.816

■ 8, 8.704, 324.816

■ 0, 8.704, 324.816

■ 68, 8.704, 324.816

■ 68, 8.704, 324.816

■ 64, 20.503,

■ 73, 2.970, 144.384

325.372

77, 14.406,
143.796

59, 32.270,
325.909

82, 25.542,
143.282

55, 43.762,
326.421

87, 36.348,
142.794

52, 54.657,
326.896

92, 46.810,
142.333

48, 64.556,
327.317

93, 50.161,
142.188

46, 73.015,
327.668

93, 50.161,
142.188

44, 79.623,
327.936

93, 50.161,
142.188

42, 84.111,
328.115

93, 50.161,
142.188

42, 86.569,
328.212

Harmonies

Complementary

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



68, 8.704, 324.816



70, 8.686, 144.044

Rectangle

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



68, 8.704, 324.816



68, 8.704, 14.816



68, 8.704, 144.816



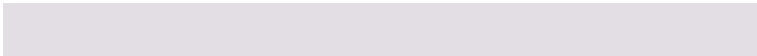
68, 8.704, 194.816

Sweetspot

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



68, 8.702, 324.816



89, 2.889, 324.454



67, 7.066, 290.269



48, 1.656, 324.442



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, 8.702, 324.816



85, 13.040, 324.914



68, 6.194, 343.303



34, 6.590, 324.922



35, 77.962, 328.232



2, 13.857, 324.438

Inverse Universe

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



68, 5.010, 19.762



85, 7.550, 19.898



70, 6.133, 162.225



34, 3.818, 19.909



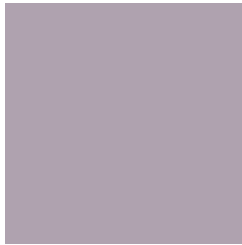
31, 69.982, 39.446



2, 7.802, 19.404

Previews

White Background



This preview shows how the CIELCh color 68, 8.704, 324.816 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, 8.704, 324.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

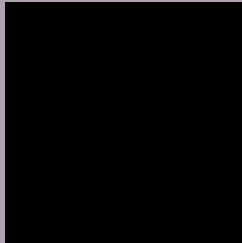
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 8.704, 324.816

Background



This preview shows how black text looks on a background with the CIELCh color 68, 8.704, 324.816.



This preview shows how white text looks on a background with the CIELCh color 68, 8.704, 324.816.

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, 8.704, 324.816

Protanopia

68, 6.630, 294.039

Deuteranopia

68, 10.053, 330.267



Tritanopia
68, 8.704, 324.816

Trichromacy



Original Color
68, 8.704, 324.816

Protanomaly
68, 6.897, 306.421

Deuteranomaly
68, 9.818, 328.540

Tritanomaly
68, 8.704, 324.816

Monochromacy



Original Color
68, 8.704, 324.816

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, 8.704, 324.816 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(175, 162, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 162, 175) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 68, 8.704, 324.816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

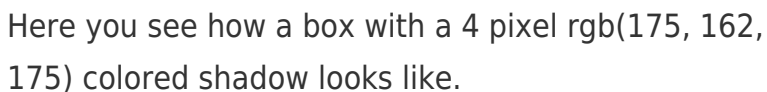
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 162, 175) }
```

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

```
.border{ border-color:rgb(175, 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(175, 162, 175)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 68, 8.704, 324.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(175,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor