

Converting Colors

CIELCh(68, 2.768, 54.374)

Have a look what the booklet for
CIELCh(68, 2.768, 54.374) contains.

CIELCh(68, 2.817, 55.134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 2.817, 55.134)

Conversions

Conversions Part 1

Format	Color
Hex	ABA5A2
RGB	171, 165, 162
RGB Percent	67%, 65%, 64%
CMY	0.3310, 0.3545, 0.3663
CMYK	0.00, 0.04, 0.05, 0.33
HSL	20°, 5%, 65%
HSV	20°, 5%, 67%
XYZ	36.5750, 37.9720, 39.3970
YIQ	166.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

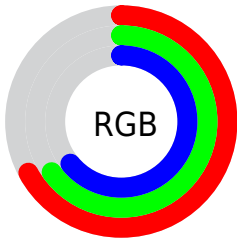
Format	Color
RYB	171, 167, 162
Decimal	11249058
CIELab	68.00, 1.61, 2.31
CIElCh	68, 2.817, 55.134
Yxy	37.9720, 0.3210, 0.3333
Android (android.graphics.Color)	4289439138 (0xFFABA5A2)
YUV	166.4520, -2.1948, 3.9886
Hunter-Lab	61.6215, -1.8901, 5.2286

Details

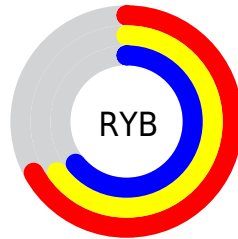
The CIELCh color **68, 2.817, 55.134** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 2.753, 236.336**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 2.662, 55.181**, and **48, 3.031, 55.019** is the 20% darker color. If you saturate the color by 10%, you get **65, 8.455, 54.519**, and if you desaturate by 10%, it is **71, 2.450, 236.296**.

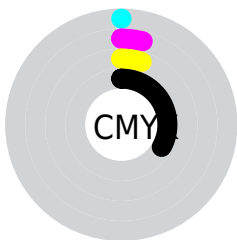
Distribution



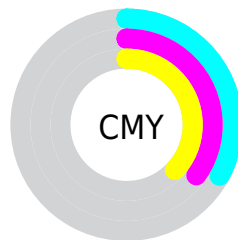
- Red (67%)
- Green (65%)
- Blue (64%)



- Red (67%)
- Yellow (65%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 2.817, 55.134 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, 2.817, 55.134 by changing the saturation by 10% instead.

■ 68, 2.817, 55.134

■ 68, 2.817, 55.134

■ 100, 2.817, 55.134

■ 58, 2.817, 55.134

■ 88, 2.817, 55.134

■ 48, 2.817, 55.134

■ 98, 2.817, 55.134

■ 38, 2.817, 55.134

■ 28, 2.817, 55.134

■ 18, 2.817, 55.134

■ 8, 2.817, 55.134

■ 0, 2.817, 55.134

■ 68, 2.817, 55.134

■ 68, 2.817, 55.134

■ 65, 8.455, 54.519

■ 71, 2.450, 236.296

61, 14.503, 53.829

75, 7.386, 236.984

58, 20.997, 53.193

79, 12.030,
237.773

55, 27.957, 52.633

82, 16.417,
238.571

52, 35.373, 52.162

49, 43.176, 51.768

86, 20.580,
239.362

46, 51.173, 51.385

89, 22.278,
229.828

44, 58.918, 50.836

41, 65.540, 49.742

92, 23.603,
211.856

95, 26.592,
197.778

Harmonies

Complementary

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



68, 2.817, 55.134



68, 2.753, 236.336

Rectangle

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



68, 2.817, 55.134



68, 2.817, 105.134



68, 2.817, 235.134



68, 2.817, 285.134

Sweetspot

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



68, 2.817, 55.176



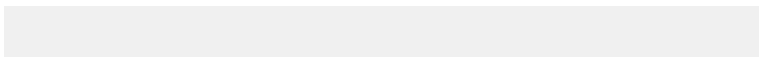
88, 1.305, 55.179



67, 4.779, 335.963



47, 0.748, 55.164



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 2.817, 55.176



86, 3.981, 55.132



69, 4.131, 101.737



34, 2.102, 55.111



35, 61.453, 49.781



3, 5.397, 49.966

Inverse Universe

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



68, 2.753, 236.336



86, 3.872, 236.389



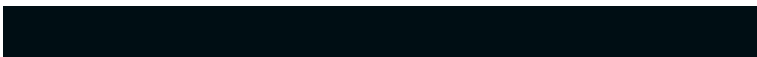
67, 4.173, 282.948



35, 2.040, 236.416



40, 34.188, 261.140



3, 5.478, 245.191

Previews

White Background



This preview shows how the CIELCh color 68, 2.817, 55.134 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, 2.817, 55.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

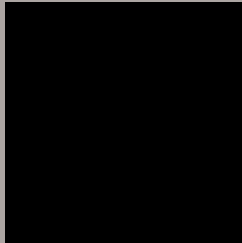
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

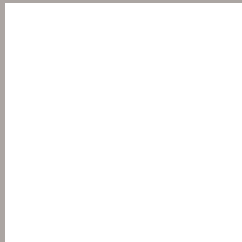
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 2.817, 55.134

Background



This preview shows how black text looks on a background with the CIELCh color 68, 2.817, 55.134.



This preview shows how white text looks on a background with the CIELCh color 68, 2.817, 55.134.

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, 2.817, 55.134

Protanopia

68, 2.235, 66.703

Deuteranopia

68, 8.998, 13.202



Tritanopia
68, 7.634, 320.079

Trichromacy



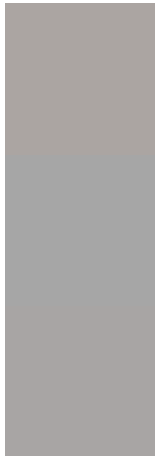
Original Color
68, 2.817, 55.134

Protanomaly
68, 2.512, 60.252

Deuteranomaly
68, 6.185, 19.886

Tritanomaly
68, 4.503, 332.570

Monochromacy



Original Color
68, 2.817, 55.134

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.259, 44.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 2.817, 55.134 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(171, 165, 162)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 162)  
}
```

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(171, 165, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 2.817, 55.134 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(171, 165, 162) }
```

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

```
.border{ border-color:rgb(171, 165, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 165, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 165, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 165, 162); box-shadow:4px 4px 4px 4px rgb(171, 165, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 2.817, 55.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 162) }
```

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

```
.background{ background-color: rgb(171,  
165, 162) }
```

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