

Converting Colors

CIELCh(68, 5.083, 61.072)

Have a look what the booklet for
CIELCh(68, 5.083, 61.072) contains.

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Color

CIELCh(68, 5.080, 59.917)

Conversions

Conversions Part 1

Format	Color
Hex	AEA49E
RGB	174, 164, 158
RGB Percent	68%, 64%, 62%
CMY	0.3180, 0.3572, 0.3807
CMYK	0.00, 0.06, 0.09, 0.32
HSL	23°, 9%, 65%
HSV	23°, 9%, 68%
XYZ	36.8581, 37.9720, 37.6936
YIQ	166.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

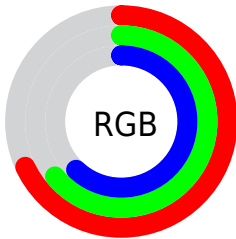
Format	Color
RYB	174, 168, 158
Decimal	11445406
CIELab	68.00, 2.55, 4.40
CIELCh	68, 5.080, 59.917
Yxy	37.9720, 0.3276, 0.3375
Android (android.graphics.Color)	4289635486 (0xFFAEA49E)
YUV	166.3060, -4.0949, 6.7476
Hunter-Lab	61.6215, -1.0699, 6.8676

Details

The CIELCh color **68, 5.080, 59.917** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 4.885, 241.895**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 5.080, 57.386**, and **48, 5.113, 54.712** is the 20% darker color. If you saturate the color by 10%, you get **65, 10.958, 59.077**, and if you desaturate by 10%, it is **71, 0.434, 241.908**.

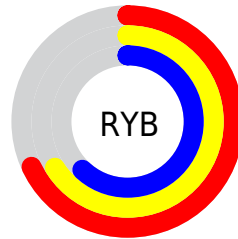
Distribution



Red (68%)

Green (64%)

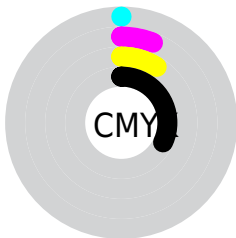
Blue (62%)



Red (68%)

Yellow (66%)

Blue (62%)

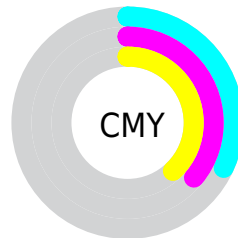


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 5.080, 59.917 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, 5.080, 59.917 by changing the saturation by 10% instead.

 68, 5.080, 59.917  68, 5.080, 59.917

 100, 5.080, 59.917  58, 5.080, 59.917

 88, 5.080, 59.917  48, 5.080, 59.917

 98, 5.080, 59.917  38, 5.080, 59.917

 28, 5.080, 59.917

 18, 5.080, 59.917

 8, 5.080, 59.917

 0, 5.080, 59.917

 68, 5.080, 59.917  68, 5.080, 59.917

 65, 10.958, 59.077  71, 0.434, 241.908

62, 17.235, 58.218

75, 5.622, 241.959

58, 23.939, 57.400

78, 10.521,
242.856

55, 31.078, 56.637

81, 15.167,
243.763

52, 38.619, 55.927

50, 46.444, 55.236

85, 19.589,
244.657

47, 54.266, 54.461

88, 21.596,
237.524

45, 61.473, 53.354

43, 67.482, 51.800

91, 22.002,
219.075

94, 24.375,
203.005

95, 25.687,
197.833

Harmonies

Complementary

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



68, 5.080, 59.917



68, 4.885, 241.895

Rectangle

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



68, 5.080, 59.917



68, 5.080, 109.917



68, 5.080, 239.917



68, 5.080, 289.917

Sweetspot

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



68, 5.080, 59.941



89, 2.014, 60.340



67, 8.295, 337.736



47, 1.544, 60.318



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, 5.080, 59.941



86, 7.592, 59.773



70, 7.595, 103.147



35, 3.120, 59.933



37, 60.871, 52.171



3, 6.392, 52.300

Inverse Universe

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



68, 4.885, 241.895



86, 7.231, 242.107



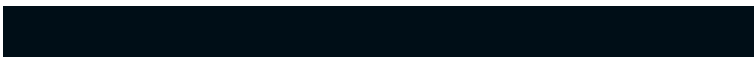
66, 7.712, 285.172



35, 2.999, 241.905



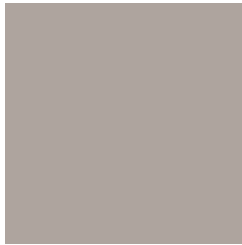
38, 37.393, 267.877



3, 6.708, 252.193

Previews

White Background



This preview shows how the CIELCh color 68, 5.080, 59.917 looks on a white background.

Color Contrast Check

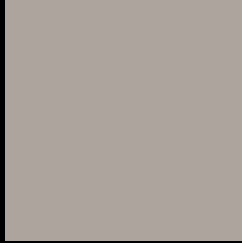
Large Text (above 18pt) WCAG AA × Fail

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, 5.080, 59.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

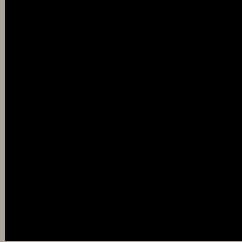
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

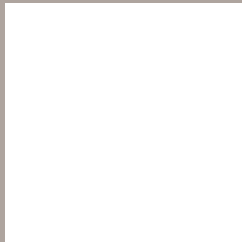
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 5.080, 59.917

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.080, 59.917.



This preview shows how white text looks on a background with the CIELCh color 68, 5.080, 59.917.

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, 5.080, 59.917

Protanopia

68, 3.801, 79.305

Deuteranopia

68, 9.407, 23.533



Tritanopia
68, 9.157, 328.773

Trichromacy



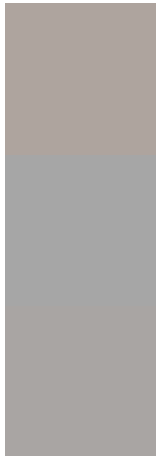
Original Color
68, 5.080, 59.917

Protanomaly
68, 4.011, 74.500

Deuteranomaly
68, 7.488, 28.402

Tritanomaly
68, 5.970, 346.341

Monochromacy



Original Color
68, 5.080, 59.917

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.870, 55.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.080, 59.917 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(174, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 158)  
}
```

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(174, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.080, 59.917 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(174, 164, 158) }
```

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

```
.border{ border-color:rgb(174, 164, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 164,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.080, 59.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 164, 158) }
```

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

```
.background{ background-color: rgb(174,  
164, 158) }
```

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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