

Converting Colors

CIELCh(59, 16.178, 17.910)

Have a look what the booklet for
CIELCh(59, 16.178, 17.910) contains.

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Color

CIELCh(59, 16.380, 17.223)

Conversions

Conversions Part 1

Format	Color
Hex	AC8486
RGB	172, 132, 134
RGB Percent	67%, 52%, 53%
CMY	0.3252, 0.4820, 0.4742
CMYK	0.00, 0.23, 0.22, 0.33
HSL	357°, 19%, 60%
HSV	357°, 23%, 67%
XYZ	29.6023, 27.0277, 26.2400
YIQ	144.1880, 23.1980, 9.1020

Conversions

Conversions Part 2

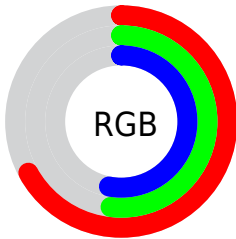
Format	Color
R_{YB}	172, 132, 134
Decimal	11306118
CIE _{Lab}	59.00, 15.65, 4.85
CIE _{LCh}	59, 16.380, 17.223
Yxy	27.0277, 0.3572, 0.3261
Android (android.graphics.Color)	4289496198 (0xFFAC8486)
YUV	144.1880, -5.0227, 24.3911
Hunter-Lab	51.9882, 10.6592, 6.4664

Details

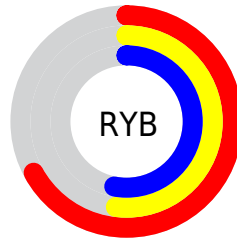
The CIELCh color $59, 16.380, 17.223$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 14.268, 193.779$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 16.473, 17.067$, and $39, 16.574, 17.731$ is the 20% darker color. If you saturate the color by 10%, you get $54, 24.215, 18.477$, and if you desaturate by 10%, it is $64, 9.010, 16.222$.

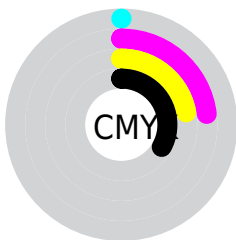
Distribution



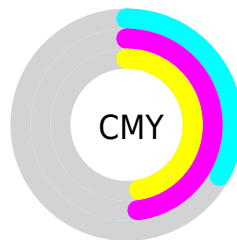
- Red (67%)
- Green (52%)
- Blue (53%)



- Red (67%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (33%)



- Cyan (33%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 16.380, 17.223 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 59, 16.380, 17.223 by changing the saturation by 10% instead.

■ 59, 16.380, 17.223

■ 59, 16.380, 17.223

■ 100, 16.380,
17.223

■ 49, 16.380, 17.223

■ 79, 16.380, 17.223

■ 39, 16.380, 17.223

■ 89, 16.380, 17.223

■ 29, 16.380, 17.223

■ 99, 16.380, 17.223

■ 19, 16.380, 17.223

■ 9, 16.380, 17.223

■ 0, 16.380, 17.223

■ 59, 16.380, 17.223

■ 59, 16.380, 17.223

■ 54, 24.215, 18.477

■ 64, 9.010, 16.222

■ 50, 32.446, 20.062

■ 69, 2.130, 15.258

46, 40.929, 22.092

74, 4.274, 194.958

42, 49.444, 24.684

79, 10.237,
194.359

40, 57.714, 27.919

84, 15.798,
193.896

37, 65.420, 31.742

36, 72.072, 35.738

89, 21.000,
193.509

36, 75.691, 37.861

94, 25.884,
193.179

95, 26.188,
197.803

Harmonies

Complementary

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



59, 16.380, 17.223



68, 14.268, 193.779

Rectangle

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



59, 16.380, 17.223



59, 16.380, 67.223



59, 16.380, 197.223



59, 16.380, 247.223

Sweetspot

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



59, 16.378, 17.229



85, 5.782, 15.671



60, 26.628, 324.268



45, 3.760, 15.723



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 16.378, 17.229



72, 24.923, 17.849



64, 13.557, 67.174



34, 3.821, 15.868



31, 68.182, 37.422



2, 7.821, 16.020

Inverse Universe

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



59, 16.378, 17.229



72, 24.923, 17.849



63, 12.503, 253.040



34, 3.821, 15.868



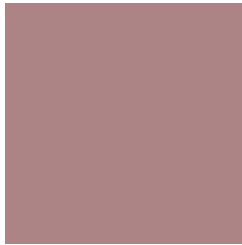
31, 68.182, 37.422



2, 7.821, 16.020

Previews

White Background



This preview shows how the CIELCh color 59, 16.380, 17.223 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 16.380, 17.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

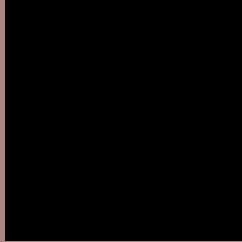
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 16.380, 17.223

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.380, 17.223.



This preview shows how white text looks on a background with the CIELCh color 59, 16.380, 17.223.

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

59, 16.380, 17.223

Protanopia

59, 2.051, 74.793

Deuteranopia

59, 9.228, 34.321



Tritanopia
59, 17.726, 2.922

Trichromacy



Original Color
59, 16.380, 17.223

Protanomaly
59, 6.831, 24.751

Deuteranomaly
59, 11.893, 25.983

Tritanomaly
59, 17.404, 8.289

Monochromacy



Original Color
59, 16.380, 17.223

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 5.558, 19.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.380, 17.223 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(172, 132, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 132, 134)  
}
```

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(172, 132, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 132, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.380, 17.223 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(172, 132, 134) }
```

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

```
.border{ border-color:rgb(172, 132, 134) }
```

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

Here you see how a box with a 4 pixel rgb(172, 132, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 132, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 132, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 132,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.380, 17.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 132, 134) }
```

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

```
.background{ background-color: rgb(172,  
132, 134) }
```

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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