

Converting Colors

CIELCh(59, 16.179, 7.123)

Have a look what the booklet for
CIELCh(59, 16.179, 7.123) contains.

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Color

CIELCh(59, 16.179, 7.123)

Conversions

Conversions Part 1

Format	Color
Hex	AB848B
RGB	171, 132, 139
RGB Percent	67%, 52%, 55%
CMY	0.3294, 0.4823, 0.4549
CMYK	0.00, 0.23, 0.19, 0.33
HSL	349°, 19%, 59%
HSV	349°, 23%, 67%
XYZ	29.7095, 27.0277, 28.0800
YIQ	144.4590, 20.9970, 10.4450

Conversions

Conversions Part 2

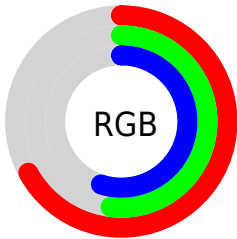
Format	Color
R_{YB}	171, 132, 139
Decimal	11240587
CIE Lab	59.00, 16.05, 2.01
CIE LCh	59, 16.179, 7.123
Yxy	27.0277, 0.3503, 0.3187
Android (android.graphics.Color)	4289430667 (0xFFAB848B)
YUV	144.4590, -2.6913, 23.2765
Hunter-Lab	51.9882, 11.0273, 4.3678

Details

The CIELCh color $59, 16.179, 7.123$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 14.679, 182.849$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 16.310, 7.628$, and $39, 16.280, 6.878$ is the 20% darker color. If you saturate the color by 10%, you get $54, 23.816, 8.495$, and if you desaturate by 10%, it is $64, 8.850, 5.977$.

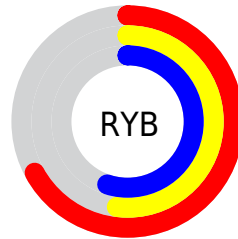
Distribution



Red (67%)

Green (52%)

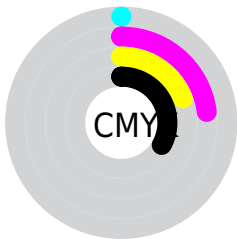
Blue (55%)



Red (67%)

Yellow (52%)

Blue (55%)

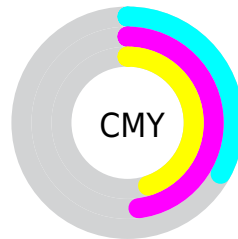


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 16.179, 7.123 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, 16.179, 7.123 by changing the saturation by 10% instead.

 59, 16.179, 7.123  59, 16.179, 7.123

 100, 16.179, 7.123  49, 16.179, 7.123

 79, 16.179, 7.123  39, 16.179, 7.123

 89, 16.179, 7.123  29, 16.179, 7.123

 99, 16.179, 7.123  19, 16.179, 7.123

 9, 16.179, 7.123

 0, 16.179, 7.123

 59, 16.179, 7.123  59, 16.179, 7.123

 54, 23.816, 8.495  64, 8.850, 5.977

 50, 31.654, 10.166  69, 1.887, 4.834

46, 39.507, 12.247

74, 4.695, 184.358

43, 47.119, 14.869

79, 10.909,
183.591

40, 54.199, 18.178

84, 16.775,
182.950

38, 60.510, 22.276

36, 65.966, 27.113

89, 22.323,
182.385

36, 69.614, 30.625

94, 27.584,
181.880

95, 26.809,
193.617

95, 26.480,
197.785

Harmonies

Complementary

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



59, 16.179, 7.123



67, 14.679, 182.849

Rectangle

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



59, 16.179, 7.123



59, 16.179, 57.123



59, 16.179, 187.123



59, 16.179, 237.123

Sweetspot

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



59, 16.177, 7.128



84, 5.888, 5.375



59, 25.076, 320.311



45, 3.862, 5.436



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, 16.177, 7.128



72, 23.939, 7.735



62, 13.023, 52.046



34, 3.920, 5.607



31, 63.005, 30.017



2, 7.998, 7.423

Inverse Universe

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



59, 16.177, 7.128



72, 23.939, 7.735



64, 11.480, 235.830



34, 3.920, 5.607



31, 63.005, 30.017



2, 7.998, 7.423

Previews

White Background



This preview shows how the CIELCh color 59, 16.179, 7.123 looks on a white background.

Color Contrast Check

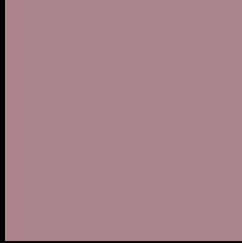
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.179, 7.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

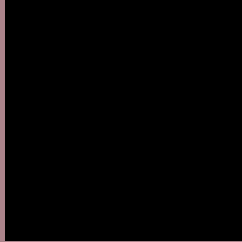
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 16.179, 7.123

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.179, 7.123.



This preview shows how white text looks on a background with the CIELCh color 59, 16.179, 7.123.

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, 16.179, 7.123

Protanopia

59, 2.078, 324.455

Deuteranopia

59, 7.605, 20.122



Tritanopia
59, 16.549, 1.395

Trichromacy



Original Color
59, 16.179, 7.123

Protanomaly
59, 6.721, 0.430

Deuteranomaly
59, 10.510, 14.332

Tritanomaly
59, 16.406, 3.274

Monochromacy



Original Color
59, 16.179, 7.123

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.650, 8.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.179, 7.123 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, 132, 139)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 139)  
}
```

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, 132, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.179, 7.123 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, 132, 139) }
```

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

```
.border{ border-color:rgb(171, 132, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 132, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 139);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.179, 7.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 139) }
```

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

```
.background{ background-color: rgb(171,  
132, 139) }
```

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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