

Converting Colors

CIELCh(59, 15.812, 15.831)

Have a look what the booklet for
CIELCh(59, 15.812, 15.831) contains.

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Color

CIELCh(59, 15.965, 15.065)

Conversions

Conversions Part 1

Format	Color
Hex	AB8487
RGB	171, 132, 135
RGB Percent	67%, 52%, 53%
CMY	0.3282, 0.4812, 0.4695
CMYK	0.00, 0.23, 0.21, 0.33
HSL	355°, 19%, 60%
HSV	355°, 23%, 67%
XYZ	29.5423, 27.0277, 26.6855
YIQ	144.0030, 22.2810, 9.2010

Conversions

Conversions Part 2

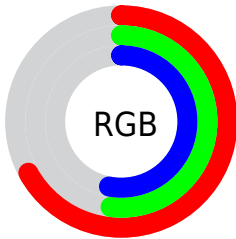
Format	Color
R_{YB}	171, 132, 135
Decimal	11240583
CIE _{Lab}	59.00, 15.42, 4.15
CIE _{LCh}	59, 15.965, 15.065
Yxy	27.0277, 0.3548, 0.3246
Android (android.graphics.Color)	4289430663 (0xFFAB8487)
YUV	144.0030, -4.4385, 23.6764
Hunter-Lab	51.9882, 10.4531, 5.9583

Details

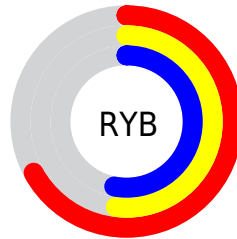
The CIELCh color `59, 15.965, 15.065` is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be `67, 14.059, 191.448`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `79, 16.092, 15.062`, and `39, 16.102, 15.395` is the 20% darker color. If you saturate the color by 10%, you get `54, 23.700, 16.350`, and if you desaturate by 10%, it is `64, 8.661, 14.026`.

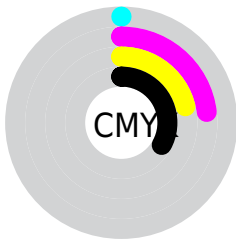
Distribution



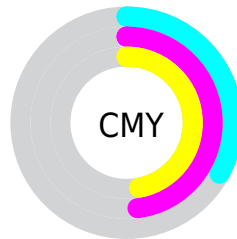
- Red (67%)
- Green (52%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 15.965, 15.065 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, 15.965, 15.065 by changing the saturation by 10% instead.

■ 59, 15.965, 15.065

■ 59, 15.965, 15.065

■ 100, 15.965,
15.065

■ 49, 15.965, 15.065

■ 79, 15.965, 15.065

■ 39, 15.965, 15.065

■ 89, 15.965, 15.065

■ 29, 15.965, 15.065

■ 99, 15.965, 15.065

■ 19, 15.965, 15.065

■ 9, 15.965, 15.065

■ 0, 15.965, 15.065

■ 59, 15.965, 15.065

■ 59, 15.965, 15.065

■ 54, 23.700, 16.350

■ 64, 8.661, 14.026

■ 50, 31.793, 17.956

■ 69, 1.820, 12.986

46, 40.094, 19.999

74, 4.570, 192.669

42, 48.382, 22.600

79, 10.536,
192.031

40, 56.386, 25.863

84, 16.114,
191.522

37, 63.826, 29.781

36, 70.366, 34.059

89, 21.346,
191.090

35, 74.375, 36.723

94, 26.269,
190.715

95, 26.401,
197.790

Harmonies

Complementary

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



59, 15.965, 15.065



67, 14.059, 191.448

Rectangle

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



59, 15.965, 15.065



59, 15.965, 65.065



59, 15.965, 195.065



59, 15.965, 245.065

Sweetspot

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



59, 15.963, 15.071



84, 5.746, 13.491



60, 25.752, 323.282



45, 3.771, 13.546



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, 15.963, 15.071



72, 23.708, 15.637



63, 13.081, 63.497



34, 3.831, 13.698



31, 67.233, 36.268



2, 7.843, 14.206

Inverse Universe

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



59, 15.963, 15.071



72, 23.708, 15.637



63, 11.933, 248.881



34, 3.831, 13.698



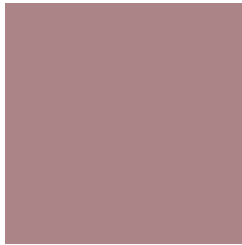
31, 67.233, 36.268



2, 7.843, 14.206

Previews

White Background



This preview shows how the CIELCh color 59, 15.965, 15.065 looks on a white background.

Color Contrast Check

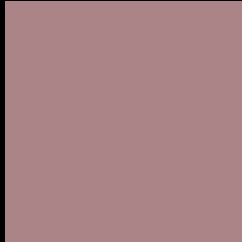
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 15.965, 15.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

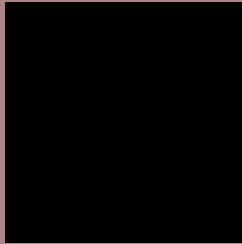
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 15.965, 15.065

Background



This preview shows how black text looks on a background with the CIELCh color 59, 15.965, 15.065.



This preview shows how white text looks on a background with the CIELCh color 59, 15.965, 15.065.

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, 15.965, 15.065

Protanopia

59, 1.620, 63.341

Deuteranopia

59, 9.080, 30.933



Tritanopia
59, 17.340, 2.438

Trichromacy



Original Color
59, 15.965, 15.065

Protanomaly
59, 6.791, 20.032

Deuteranomaly
59, 11.401, 23.357

Tritanomaly
59, 17.096, 6.069

Monochromacy



Original Color
59, 15.965, 15.065

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 5.576, 14.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 15.965, 15.065 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 15.965, 15.065 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, 135) }
```

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

```
.border{ border-color:rgb(171, 132, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 15.965, 15.065 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, 135) }
```

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

```
.background{ background-color: rgb(171,  
132, 135) }
```

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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