Converting Colors

CIELCh(59, 21.598, 347.370)

Have a look what the booklet for CIELCh(59, 21.598, 347.370) contains.

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Color

CIELCh(59, 21.778, 347.247)

Conversions

Conversions Part 1

Format	Color
Hex	AF8197
RGB	175, 129, 151
RGB Percent	69%, 51%, 59%
CMY	0.3139, 0.4943, 0.4080
CMYK	0.00, 0.26, 0.14, 0.31
HSL	331°, 22%, 60%
HSV	331°, 26%, 69%
XYZ	31.0927, 27.0277, 32.8344
YIQ	145.2620, 20.3540, 16.5940

Conversions

Conversions Part 2

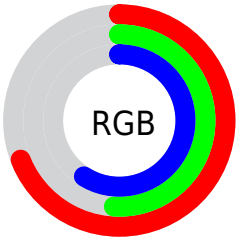
Format	Color
RYB	175, 129, 151
Decimal	11501975
CIELab	59.00, 21.24, -4.81
CIELCh	59, 21.778, 347.247
Yxy	27.0277, 0.3418, 0.2972
Android (android.graphics.Color)	4289692055 (0xFFAF8197)
YUV	145.2620, 2.8288, 26.0802
Hunter-Lab	51.9882, 15.7766, -1.0543

Details

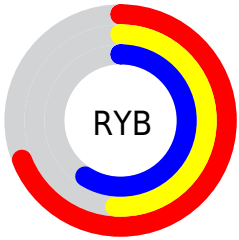
The CIELCh color 59, 21.778, 347.247 is a light color, and the websafe version is hex CC9999. A complement of this color would be 68, 21.009, 162.459, and the grayscale version is 60, 0.008, 296.813.

A 20% lighter version of the original color is 79, 21.828, 347.269, and 39, 21.937, 347.540 is the 20% darker color. If you saturate the color by 10%, you get 55, 30.158, 348.398, and if you desaturate by 10%, it is 64, 13.375, 346.232.

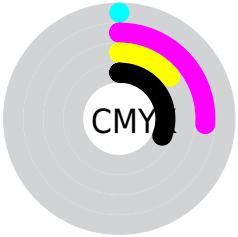
Distribution



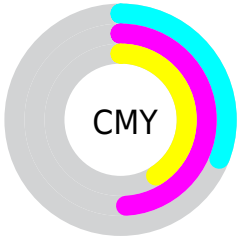
- Red (69%)
- Green (51%)
- Blue (59%)



- Red (69%)
- Yellow (51%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (14%)
- Black (31%)



- Cyan (31%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 21.778, 347.247 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, 21.778, 347.247 by changing the saturation by 10% instead.

59, 21.778, 347.247

100, 21.778, 347.247

79, 21.778, 347.247

89, 21.778, 347.247

99, 21.778, 347.247

59, 21.778, 347.247

49, 21.778, 347.247

39, 21.778, 347.247

29, 21.778, 347.247

19, 21.778, 347.247

9, 21.778, 347.247

0, 21.778, 347.247

59, 21.778, 347.247

55, 30.158, 348.398

50, 38.295, 349.729

47, 45.869, 351.306

43, 52.485, 353.225

41, 57.725, 355.612

39, 61.280, 358.625

38, 63.154, 2.399

37, 63.728, 3.883

59, 21.778, 347.247

64, 13.375, 346.232

68, 5.103, 345.288

73, 2.955, 164.677

78, 10.753, 163.846

83, 18.276, 163.153

88, 25.524, 162.522

93, 32.507, 161.940

94, 31.583, 167.053

95, 29.039, 174.694

Harmonies

Complementary

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

59, 21.778, 347.247

68, 21.009, 162.459

Rectangle

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

59, 21.778, 347.247

59, 21.778, 37.247

59, 21.778, 167.247

59, 21.778, 217.247

Sweetspot

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

59, 21.776, 347.249

85, 8.038, 345.464

58, 27.683, 310.868

45, 5.769, 345.603

96, 0.011, 296.813

48, 0.006, 296.813

Same Dimension

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

59, 21.776, 347.249

72, 32.845, 347.951

59, 18.769, 22.692

34, 4.577, 345.572

32, 57.065, 3.288

2, 9.026, 349.973

Inverse Universe

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

59, 21.776, 347.249

72, 32.845, 347.951

68, 15.736, 199.681

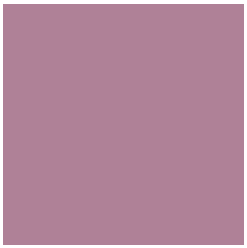
34, 4.577, 345.572

32, 57.065, 3.288

2, 9.026, 349.973

Previews

White Background

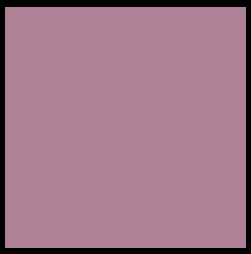


This preview shows how the CIELCh color 59, 21.778, 347.247 looks on a white background.

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



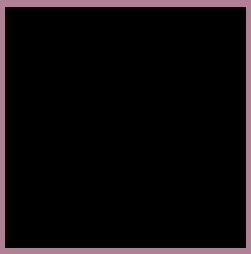
This preview shows how the CIELCh color 59, 21.778, 347.247 looks on a black background.

Color Contrast Check

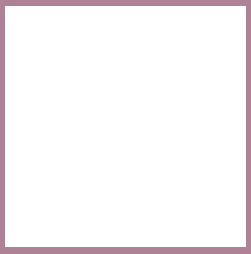
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 59, 21.778, 347.247 Background



This preview shows how black text looks on a background with the CIELCh color 59, 21.778, 347.247.

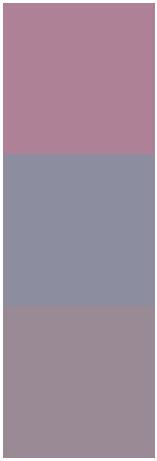


This preview shows how white text looks on a background with the CIELCh color 59, 21.778, 347.247.

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



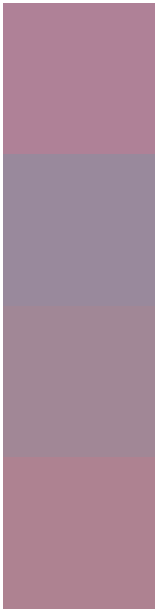
Original Color
59, 21.778, 347.247

Protanopia
59, 10.206, 289.270

Deuteranopia
59, 8.555, 333.573

Tritanopia
59, 18.114, 3.388

Trichromacy



Original Color
59, 21.778, 347.247

Protanomaly
59, 12.429, 320.586

Deuteranomaly
59, 13.223, 340.963

Tritanomaly
59, 19.351, 355.775

Monochromacy

Original Color
59, 21.778, 347.247

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.057, 346.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 21.778, 347.247 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(175, 129, 151) looks like.

```
.text, #text, p{
    color:rgb(175, 129, 151)
}
```

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(175, 129, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 129, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 21.778, 347.247 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(175, 129, 151) }
```

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

```
.border{ border-color:rgb(175, 129, 151) }
```

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

Here you see how a box with a 4 pixel rgb(175, 129, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 129, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 129, 151); box-shadow:4px 4px 4px 4px rgb(175, 129, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 21.778, 347.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(175, 129, 151) }
```

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

```
.background{ background-color:rgb(175,
129, 151) }
```

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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