

Converting Colors

CIELCh(59, 23.385, 356.508)

Have a look what the booklet for
CIELCh(59, 23.385, 356.508)
contains.

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Color

CIELCh(59, 23.272, 356.403)

Conversions

Conversions Part 1

Format	Color
Hex	B47F91
RGB	180, 127, 145
RGB Percent	71%, 50%, 57%
CMY	0.2931, 0.5010, 0.4304
CMYK	0.00, 0.29, 0.19, 0.29
HSL	340°, 26%, 60%
HSV	340°, 29%, 71%
XYZ	31.6334, 27.0277, 30.4368
YIQ	144.8990, 25.8100, 16.8340

Conversions

Conversions Part 2

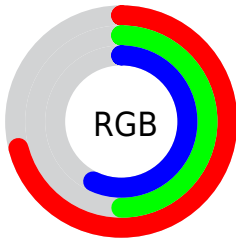
Format	Color
R_{YB}	180, 127, 145
Decimal	11829137
CIE _{Lab}	59.00, 23.23, -1.46
CIE _{LCh}	59, 23.272, 356.403
Yxy	27.0277, 0.3550, 0.3033
Android (android.graphics.Color)	4290019217 (0xFFB47F91)
YUV	144.8990, 0.0498, 30.7836
Hunter-Lab	51.9882, 17.6329, 1.6801

Details

The CIELCh color **59, 23.272, 356.403** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69, 21.613, 170.420**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 23.554, 356.197**, and **39, 23.397, 355.678** is the 20% darker color. If you saturate the color by 10%, you get **54, 31.444, 357.848**, and if you desaturate by 10%, it is **64, 15.147, 355.178**.

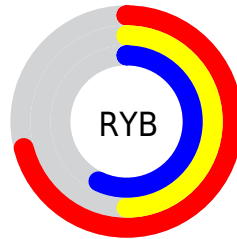
Distribution



Red (71%)

Green (50%)

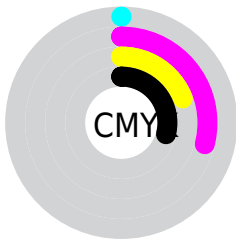
Blue (57%)



Red (71%)

Yellow (50%)

Blue (57%)

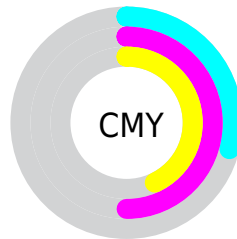


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (29%)



Cyan (29%)

Magenta (50%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 23.272, 356.403 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, 23.272, 356.403 by changing the saturation by 10% instead.

 59, 23.272,
356.403

 59, 23.272,
356.403

 100, 23.272,
356.403

 49, 23.272,
356.403

 79, 23.272,
356.403

 39, 23.272,
356.403

 89, 23.272,
356.403

 29, 23.272,
356.403

 99, 23.272,
356.403

 19, 23.272,
356.403

 9, 23.272, 356.403

 0, 23.272, 356.403

59, 23.272,
356.403

59, 23.272,
356.403

54, 31.444,
357.848

64, 15.147,
355.178

50, 39.445,
359.583

69, 7.218, 354.095

74, 0.439, 174.210

46, 46.963, 1.719

79, 7.787, 172.466

43, 53.623, 4.397

84, 14.820,
171.702

41, 59.078, 7.787

39, 63.159, 12.046

89, 21.545,
171.025

38, 66.239, 17.062

94, 27.980,
170.411

38, 66.431, 17.355

95, 25.886,
180.973

■ 95, 24.115,
194.722

Harmonies

Complementary

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



59, 23.272, 356.403



69, 21.613, 170.420

Rectangle

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



59, 23.272, 356.403



59, 23.272, 46.403



59, 23.272, 176.403



59, 23.272, 226.403

Sweetspot

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



59, 23.270, 356.406



87, 8.548, 354.068



58, 32.624, 315.382



45, 5.951, 354.218



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



59, 23.270, 356.406



72, 34.511, 357.268



60, 19.474, 34.324



35, 4.309, 354.085



32, 58.690, 16.564



2, 9.843, 358.630

Inverse Universe

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



59, 23.270, 356.406



72, 34.511, 357.268



68, 15.857, 214.388



35, 4.309, 354.085



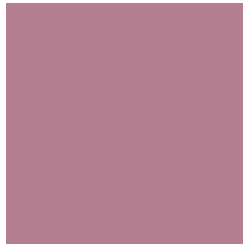
32, 58.690, 16.564



2, 9.843, 358.630

Previews

White Background



This preview shows how the CIELCh color 59, 23.272, 356.403 looks on a white background.

Color Contrast Check

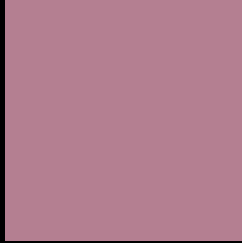
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.272, 356.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

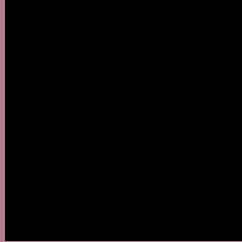
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 23.272, 356.403

Background



This preview shows how black text looks on a background with the CIELCh color 59, 23.272, 356.403.



This preview shows how white text looks on a background with the CIELCh color 59, 23.272, 356.403.

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, 23.272, 356.403

Protanopia

59, 7.389, 293.939

Deuteranopia

59, 7.287, 357.345



Tritanopia
59, 21.341, 6.626

Trichromacy



Original Color
59, 23.272, 356.403

Protanomaly
59, 11.525, 333.137

Deuteranomaly
59, 13.150, 355.453

Tritanomaly
59, 21.678, 2.260

Monochromacy



Original Color
59, 23.272, 356.403

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.220, 355.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 23.272, 356.403 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(180, 127, 145)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 145)  
}
```

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(180, 127, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 23.272, 356.403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

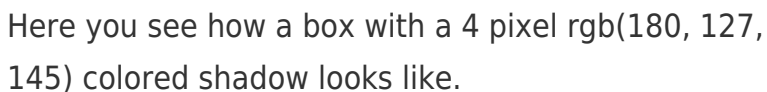
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 127, 145) }
```

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

```
.border{ border-color:rgb(180, 127, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 127, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 145);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 23.272, 356.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 145) }
```

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

```
.background{ background-color: rgb(180,  
127, 145) }
```

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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