

Converting Colors

CIELCh(59, 31.769, 2.138)

Have a look what the booklet for
CIELCh(59, 31.769, 2.138) contains.

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Color

CIELCh(59, 32.061, 1.967)

Conversions

Conversions Part 1

Format	Color
Hex	C3788D
RGB	195, 120, 141
RGB Percent	76%, 47%, 55%
CMY	0.2346, 0.5287, 0.4464
CMYK	0.00, 0.38, 0.28, 0.23
HSL	343°, 39%, 62%
HSV	343°, 38%, 77%
XYZ	34.1099, 27.0277, 28.6837
YIQ	144.8190, 37.9590, 22.4310

Conversions

Conversions Part 2

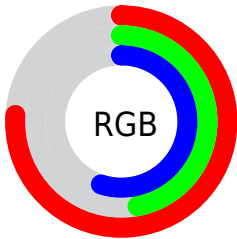
Format	Color
R _Y B	195, 120, 141
Decimal	12810381
CIE Lab	59.00, 32.04, 1.10
CIE LCh	59, 32.061, 1.967
Yxy	27.0277, 0.3798, 0.3009
Android (android.graphics.Color)	4291000461 (0xFFC3788D)
YUV	144.8190, -1.8828, 44.0087
Hunter-Lab	51.9882, 26.1358, 3.6794

Details

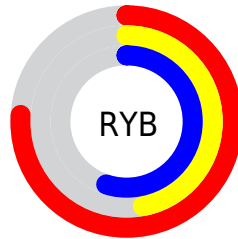
The CIELCh color **59, 32.061, 1.967** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 28.333, 173.483**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.267, 1.342**, and **39, 31.750, 1.975** is the 20% darker color. If you saturate the color by 10%, you get **54, 40.637, 3.796**, and if you desaturate by 10%, it is **64, 23.412, 0.467**.

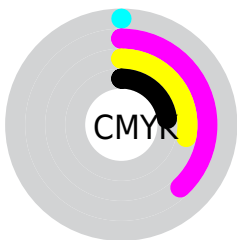
Distribution



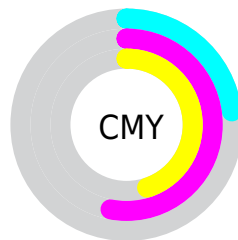
- Red (76%)
- Green (47%)
- Blue (55%)



- Red (76%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (38%)
- Yellow (28%)
- Black (23%)



- Cyan (23%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 32.061, 1.967 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, 32.061, 1.967 by changing the saturation by 10% instead.

■ 59, 32.061, 1.967

■ 59, 32.061, 1.967

■ 100, 32.061, 1.967

■ 49, 32.061, 1.967

■ 79, 32.061, 1.967

■ 39, 32.061, 1.967

■ 89, 32.061, 1.967

■ 29, 32.061, 1.967

■ 99, 32.061, 1.967

■ 19, 32.061, 1.967

■ 9, 32.061, 1.967

■ 0, 32.061, 1.967

■ 59, 32.061, 1.967

■ 59, 32.061, 1.967

■ 54, 40.637, 3.796

■ 64, 23.412, 0.467

■ 50, 48.842, 6.065

■ 69, 14.909,

47, 56.302, 8.924 359.202

44, 62.668, 12.543 74, 6.680, 358.091

42, 67.773, 17.050 80, 1.209, 177.626

41, 71.879, 22.329 85, 8.735, 176.468

41, 72.541, 23.142 91, 15.900,
175.714

96, 21.803,
176.676

96, 19.644,
196.112

96, 19.559,
198.215

Harmonies

Complementary

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



59, 32.061, 1.967



74, 28.333, 173.483

Rectangle

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



59, 32.061, 1.967



59, 32.061, 51.967



59, 32.061, 181.967



59, 32.061, 231.967

Sweetspot

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



59, 32.058, 1.969



92, 11.907, 358.498



58, 46.230, 317.891



48, 7.920, 358.644



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 32.058, 1.969



71, 47.934, 3.459



62, 27.031, 40.987



38, 4.475, 358.192



33, 62.457, 22.236



3, 14.539, 4.493

Inverse Universe

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



59, 32.058, 1.969



71, 47.934, 3.459



70, 20.618, 223.886



38, 4.475, 358.192



33, 62.457, 22.236



3, 14.539, 4.493

Previews

White Background



This preview shows how the CIELCh color 59, 32.061, 1.967 looks on a white background.

Color Contrast Check

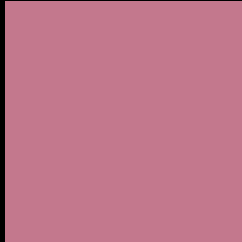
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.061, 1.967 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, 32.061, 1.967

Background



This preview shows how black text looks on a background with the CIELCh color 59, 32.061, 1.967.



This preview shows how white text looks on a background with the CIELCh color 59, 32.061, 1.967.

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, 32.061, 1.967

Protanopia

59, 7.389, 293.939

Deuteranopia

59, 8.014, 20.167



Tritanopia
59, 30.040, 13.374

Trichromacy



Original Color
59, 32.061, 1.967

Protanomaly
59, 14.201, 341.343

Deuteranomaly
59, 16.578, 7.522

Tritanomaly
59, 30.630, 8.378

Monochromacy



Original Color
59, 32.061, 1.967

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 11.606, 357.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 32.061, 1.967 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(195, 120, 141)` looks like.

```
.text, #text, p{  
    color:rgb(195, 120, 141)  
}
```

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(195, 120, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 120, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 32.061, 1.967 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(195, 120, 141) }
```

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

```
.border{ border-color:rgb(195, 120, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 120, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 120, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 120, 141); box-shadow:4px 4px 4px 4px rgb(195, 120, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 32.061, 1.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 120, 141) }
```

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

```
.background{ background-color: rgb(195,  
120, 141) }
```

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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