

Converting Colors

CIELCh(59, 34.010, 0.771)

Have a look what the booklet for
CIELCh(59, 34.010, 0.771) contains.

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Color

CIELCh(59, 33.827, 1.406)

Conversions

Conversions Part 1

Format	Color
Hex	C6778E
RGB	198, 119, 142
RGB Percent	78%, 47%, 56%
CMY	0.2248, 0.5345, 0.4443
CMYK	0.00, 0.40, 0.28, 0.22
HSL	343°, 41%, 62%
HSV	343°, 40%, 78%
XYZ	34.6235, 27.0277, 28.8656
YIQ	145.2430, 39.7010, 23.9010

Conversions

Conversions Part 2

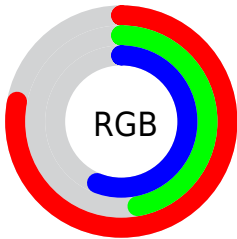
Format	Color
R _Y B	198, 119, 142
Decimal	13006734
CIE Lab	59.00, 33.82, 0.83
CIE LCh	59, 33.827, 1.406
Yxy	27.0277, 0.3825, 0.2986
Android (android.graphics.Color)	4291196814 (0xFFC6778E)
YUV	145.2430, -1.5988, 46.2679
Hunter-Lab	51.9882, 27.8995, 3.4720

Details

The CIELCh color **59, 33.827, 1.406** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **74, 29.899, 172.485**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 33.627, 0.465**, and **39, 33.539, 1.554** is the 20% darker color. If you saturate the color by 10%, you get **54, 42.443, 3.278**, and if you desaturate by 10%, it is **64, 25.075, 359.873**.

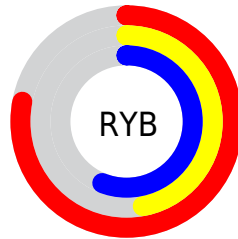
Distribution



Red (78%)

Green (47%)

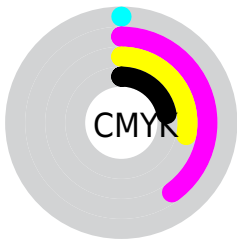
Blue (56%)



Red (78%)

Yellow (47%)

Blue (56%)

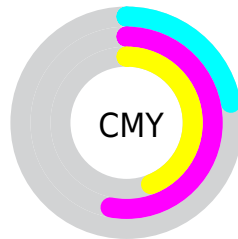


Cyan (0%)

Magenta (40%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 33.827, 1.406 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, 33.827, 1.406 by changing the saturation by 10% instead.

■ 59, 33.827, 1.406

■ 59, 33.827, 1.406

■ 100, 33.827, 1.406

■ 49, 33.827, 1.406

■ 79, 33.827, 1.406

■ 39, 33.827, 1.406

■ 89, 33.827, 1.406

■ 29, 33.827, 1.406

■ 99, 33.827, 1.406

■ 19, 33.827, 1.406

■ 9, 33.827, 1.406

■ 0, 33.827, 1.406

■ 59, 33.827, 1.406

■ 59, 33.827, 1.406

■ 54, 42.443, 3.278

■ 64, 25.075,
359.873

■ 50, 50.604, 5.603

47, 57.921, 8.537

69, 16.429,
358.583

44, 64.053, 12.249

74, 8.033, 357.460

43, 68.869, 16.865

80, 0.037, 189.477

42, 72.800, 22.167

85, 7.746, 175.796

42, 72.822, 22.194

91, 15.094,
175.022

96, 21.026,
176.246

96, 18.880,
196.357

96, 18.809,
198.263

Harmonies

Complementary

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



59, 33.827, 1.406



74, 29.899, 172.485

Rectangle

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



59, 33.827, 1.406



59, 33.827, 51.406



59, 33.827, 181.406



59, 33.827, 231.406

Sweetspot

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



59, 33.824, 1.408



92, 11.970, 357.701



58, 48.411, 317.430



48, 7.961, 357.846



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, 33.824, 1.408



70, 50.158, 3.028



62, 28.846, 39.429



39, 4.597, 357.399



34, 62.862, 21.314



4, 16.483, 4.669

Inverse Universe

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



59, 33.824, 1.408



70, 50.158, 3.028



70, 21.633, 221.713



39, 4.597, 357.399



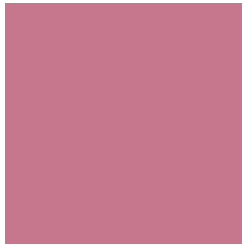
34, 62.862, 21.314



4, 16.483, 4.669

Previews

White Background



This preview shows how the CIELCh color 59, 33.827, 1.406 looks on a white background.

Color Contrast Check

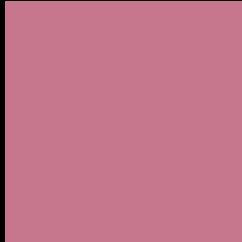
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.827, 1.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

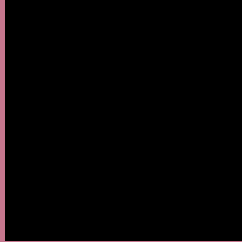
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 33.827, 1.406

Background



This preview shows how black text looks on a background with the CIELCh color 59, 33.827, 1.406.

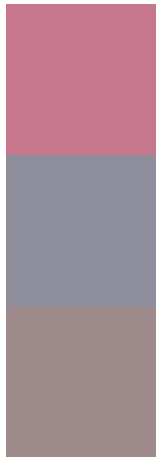


This preview shows how white text looks on a background with the CIELCh color 59, 33.827, 1.406.

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, 33.827, 1.406

Protanopia

59, 7.940, 291.088

Deuteranopia

59, 8.014, 20.167



Tritanopia
59, 31.733, 14.129

Trichromacy



Original Color
59, 33.827, 1.406

Protanomaly
59, 14.845, 340.654

Deuteranomaly
59, 17.096, 6.069

Tritanomaly
59, 32.264, 9.389

Monochromacy



Original Color
59, 33.827, 1.406

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 12.559, 356.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 33.827, 1.406 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(198, 119, 142)` looks like.

```
.text, #text, p{  
    color:rgb(198, 119, 142)  
}
```

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(198, 119, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 119, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 33.827, 1.406 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(198, 119, 142) }
```

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

```
.border{ border-color:rgb(198, 119, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 119, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 119, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 119, 142);  
box-shadow:4px 4px 4px 4px rgb(198, 119,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 33.827, 1.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 119, 142) }
```

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

```
.background{ background-color: rgb(198,  
119, 142) }
```

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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