

Converting Colors

CIELCh(59, 33.505, 8.188)

Have a look what the booklet for
CIELCh(59, 33.505, 8.188) contains.

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Color

CIELCh(59, 33.588, 8.215)

Conversions

Conversions Part 1

Format	Color
Hex	C77787
RGB	199, 119, 135
RGB Percent	78%, 47%, 53%
CMY	0.2202, 0.5339, 0.4711
CMYK	0.00, 0.40, 0.32, 0.22
HSL	348°, 42%, 62%
HSV	348°, 40%, 78%
XYZ	34.4570, 27.0277, 26.2720
YIQ	144.7440, 42.5440, 21.9360

Conversions

Conversions Part 2

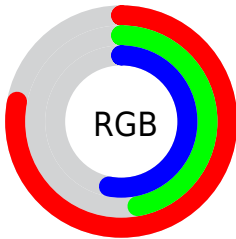
Format	Color
R_{YB}	199, 119, 135
Decimal	13072263
CIE _{Lab}	59.00, 33.24, 4.80
CIE _{LCh}	59, 33.588, 8.215
Yxy	27.0277, 0.3926, 0.3080
Android (android.graphics.Color)	4291262343 (0xFFC77787)
YUV	144.7440, -4.8038, 47.5825
Hunter-Lab	51.9882, 27.3276, 6.4298

Details

The CIELCh color **59, 33.588, 8.215** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 28.303, 179.402**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.804, 7.572**, and **39, 33.433, 9.030** is the 20% darker color. If you saturate the color by 10%, you get **54, 42.418, 10.213**, and if you desaturate by 10%, it is **64, 24.782, 6.607**.

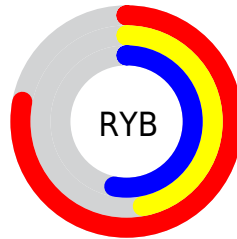
Distribution



Red (78%)

Green (47%)

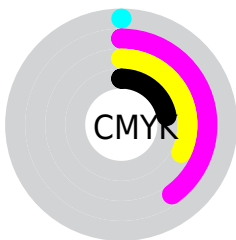
Blue (53%)



Red (78%)

Yellow (47%)

Blue (53%)

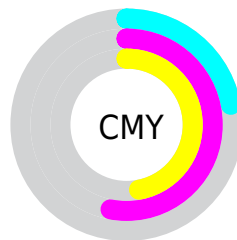


Cyan (0%)

Magenta (40%)

Yellow (32%)

Black (22%)



Cyan (22%)

Magenta (53%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 33.588, 8.215 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, 33.588, 8.215 by changing the saturation by 10% instead.

 59, 33.588, 8.215  59, 33.588, 8.215

 100, 33.588, 8.215  49, 33.588, 8.215

 79, 33.588, 8.215  39, 33.588, 8.215

 89, 33.588, 8.215  29, 33.588, 8.215

 99, 33.588, 8.215  19, 33.588, 8.215

 9, 33.588, 8.215

 0, 33.588, 8.215

 59, 33.588, 8.215  59, 33.588, 8.215

 54, 42.418, 10.213  64, 24.782, 6.607

 50, 50.990, 12.724  69, 16.210, 5.280

■ 47, 58.959, 15.902

■ 75, 7.989, 4.146

■ 44, 66.024, 19.883

■ 80, 0.173, 0.331

■ 43, 72.065, 24.684

■ 86, 7.225, 182.533

■ 42, 77.263, 29.753

■ 91, 14.217,
181.788

■ 96, 19.399,
184.734

■ 96, 18.452,
198.285

Harmonies

Complementary

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



59, 33.588, 8.215



75, 28.303, 179.402

Rectangle

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



59, 33.588, 8.215



59, 33.588, 58.215



59, 33.588, 188.215



59, 33.588, 238.215

Sweetspot

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



59, 33.585, 8.218



92, 11.535, 4.358



59, 49.715, 320.044



48, 7.677, 4.503



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, 33.585, 8.218



70, 49.552, 9.881



64, 28.061, 47.640



39, 4.423, 4.056



34, 66.231, 28.892



3, 16.182, 9.156

Inverse Universe

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



59, 33.585, 8.218



70, 49.552, 9.881



69, 21.610, 233.685



39, 4.423, 4.056



34, 66.231, 28.892



3, 16.182, 9.156

Previews

White Background



This preview shows how the CIELCh color 59, 33.588, 8.215 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, 33.588, 8.215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

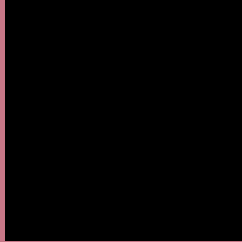
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 33.588, 8.215

Background



This preview shows how black text looks on a background with the CIELCh color 59, 33.588, 8.215.



This preview shows how white text looks on a background with the CIELCh color 59, 33.588, 8.215.

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, 33.588, 8.215

Protanopia

59, 3.429, 296.993

Deuteranopia

59, 9.807, 36.894



Tritanopia
59, 32.603, 14.504

Trichromacy



Original Color
59, 33.588, 8.215

Protanomaly
59, 12.575, 356.967

Deuteranomaly
59, 18.099, 16.041

Tritanomaly
59, 32.595, 12.548

Monochromacy



Original Color
59, 33.588, 8.215

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 12.450, 5.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 33.588, 8.215 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(199, 119, 135)` looks like.

```
.text, #text, p{  
    color:rgb(199, 119, 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(199, 119, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 119, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 33.588, 8.215 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(199, 119, 135) }
```

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

```
.border{ border-color:rgb(199, 119, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 119, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 119, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 119, 135);  
box-shadow:4px 4px 4px 4px rgb(199, 119,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 33.588, 8.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 119, 135) }
```

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

```
.background{ background-color: rgb(199,  
119, 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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