

Converting Colors

CIELCh(59, 34.787, 290.478)

Have a look what the booklet for
CIELCh(59, 34.787, 290.478)
contains.

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Color

CIELCh(59, 34.578, 290.305)

Conversions

Conversions Part 1

Format	Color
Hex	838AC7
RGB	131, 138, 199
RGB Percent	51%, 54%, 78%
CMY	0.4872, 0.4597, 0.2206
CMYK	0.34, 0.31, 0.00, 0.22
HSL	234°, 38%, 65%
HSV	234°, 34%, 78%
XYZ	28.6571, 27.0277, 57.5863
YIQ	142.8610, -23.7530, 17.4870

Conversions

Conversions Part 2

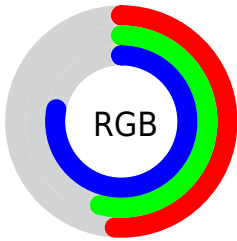
Format	Color
R_{YB}	131, 137, 199
Decimal	8620743
CIE _{Lab}	59.00, 12.00, -32.43
CIE _{LCh}	59, 34.578, 290.305
Yxy	27.0277, 0.2530, 0.2386
Android (android.graphics.Color)	4286810823 (0xFF838AC7)
YUV	142.8610, 27.6765, -10.4021
Hunter-Lab	51.9882, 7.4139, -29.2826

Details

The CIELCh color **59, 34.578, 290.305** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **77, 32.381, 102.017**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 34.219, 290.550**, and **39, 34.874, 290.719** is the 20% darker color. If you saturate the color by 10%, you get **53, 45.564, 292.200**, and if you desaturate by 10%, it is **65, 24.013, 288.678**.

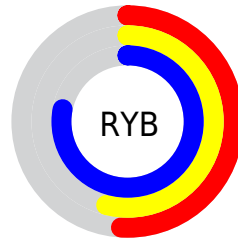
Distribution



Red (51%)

Green (54%)

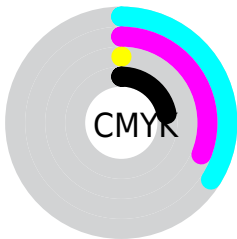
Blue (78%)



Red (51%)

Yellow (54%)

Blue (78%)

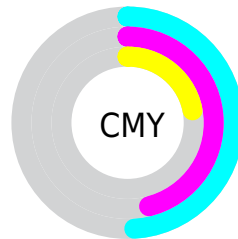


Cyan (34%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (49%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 34.578, 290.305 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, 34.578, 290.305 by changing the saturation by 10% instead.

■ 59, 34.578,
290.305

■ 59, 34.578,
290.305

■ 100, 34.578,
290.305

■ 49, 34.578,
290.305

■ 79, 34.578,
290.305

■ 39, 34.578,
290.305

■ 89, 34.578,
290.305

■ 29, 34.578,
290.305

■ 99, 34.578,
290.305

■ 19, 34.578,
290.305

■ 9, 34.578, 290.305

■ 0, 34.578, 290.305

■ 59, 34.578,
290.305

■ 59, 34.578,
290.305

■ 53, 45.564,
292.200

■ 65, 24.013,
288.678

■ 47, 56.981,
294.376

■ 71, 13.843,
287.292

■ 41, 68.760,
296.803

■ 78, 4.035, 286.126

■ 36, 80.642,
299.378

■ 84, 5.437, 105.067

■ 31, 91.978,
301.895

■ 90, 14.598,
104.210

■ 27, 101.582,
304.056

■ 96, 23.468,
103.463

■ 26, 105.827,
304.981

■ 99, 28.358,
108.023

Harmonies

Complementary

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



59, 34.578, 290.305



77, 32.381, 102.017

Rectangle

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



59, 34.578, 290.305



59, 34.578, 340.305



59, 34.578, 110.305



59, 34.578, 160.305

Sweetspot

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



59, 34.577, 290.305



92, 11.844, 286.791



76, 23.366, 187.035



48, 8.100, 286.963



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, 34.577, 290.305



69, 51.468, 291.680



59, 39.634, 306.919



39, 5.483, 286.701



20, 90.664, 304.743



2, 19.954, 288.996

Inverse Universe

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



62, 28.038, 14.597



73, 41.913, 15.834



77, 37.277, 123.132



39, 4.311, 11.609



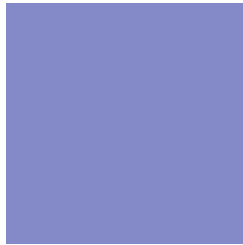
34, 70.526, 35.244



3, 15.974, 14.074

Previews

White Background



This preview shows how the CIELCh color 59, 34.578, 290.305 looks on a white background.

Color Contrast Check

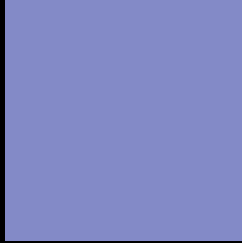
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.578, 290.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

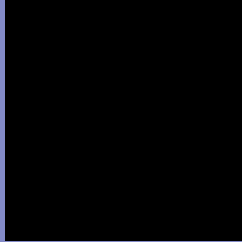
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 34.578, 290.305

Background



This preview shows how black text looks on a background with the CIELCh color 59, 34.578, 290.305.



This preview shows how white text looks on a background with the CIELCh color 59, 34.578, 290.305.

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, 34.578, 290.305

Protanopia

59, 34.190, 285.035

Deuteranopia

59, 33.127, 284.046



Tritanopia
59, 10.755, 234.336

Trichromacy



Original Color
59, 34.578, 290.305

Protanomaly
59, 34.659, 287.253

Deuteranomaly
59, 33.577, 286.353

Tritanomaly
59, 17.364, 271.098

Monochromacy



Original Color
59, 34.578, 290.305

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 12.479, 288.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 34.578, 290.305 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(131, 138, 199)` looks like.

```
.text, #text, p{  
    color:rgb(131, 138, 199)  
}
```

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(131, 138, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 138, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 34.578, 290.305 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(131, 138, 199) }
```

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

```
.border{ border-color:rgb(131, 138, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 138, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 138, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 138, 199); box-shadow:4px 4px 4px 4px rgb(131, 138, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 34.578, 290.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 138, 199) }
```

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

```
.background{ background-color: rgb(131,  
138, 199) }
```

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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