

Converting Colors

CIELCh(58, 39.159, 306.591)

Have a look what the booklet for
CIELCh(58, 39.159, 306.591)
contains.

CIELCh(58, 39.159, 306.591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 39.159, 306.591)

Conversions

Conversions Part 1

Format	Color
Hex	9980C3
RGB	153, 128, 195
RGB Percent	60%, 50%, 76%
CMY	0.4019, 0.4998, 0.2373
CMYK	0.22, 0.34, 0.00, 0.24
HSL	262°, 36%, 63%
HSV	262°, 34%, 76%
XYZ	30.4986, 25.9610, 54.7376
YIQ	143.1130, -6.6070, 26.1370

Conversions

Conversions Part 2

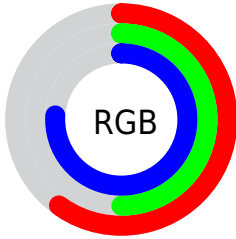
Format	Color
R_{YB}	153, 128, 195
Decimal	10059971
CIE _{Lab}	58.00, 23.34, -31.44
CIE _{LCh}	58, 39.159, 306.591
Yxy	25.9610, 0.2743, 0.2335
Android (android.graphics.Color)	4288250051 (0xFF9980C3)
YUV	143.1130, 25.5803, 8.6709
Hunter-Lab	50.9519, 17.6800, -28.0289

Details

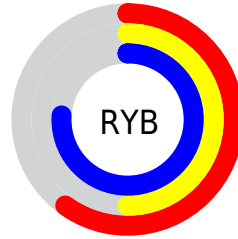
The CIELCh color $58, 39.159, 306.591$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $75, 36.775, 122.723$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 39.243, 306.434$, and $38, 38.849, 306.634$ is the 20% darker color. If you saturate the color by 10%, you get $52, 51.191, 307.319$, and if you desaturate by 10%, it is $64, 27.368, 305.910$.

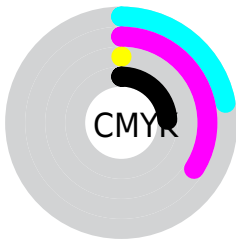
Distribution



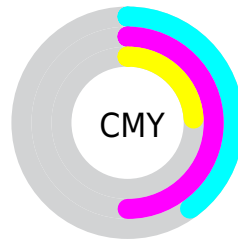
- Red (60%)
- Green (50%)
- Blue (76%)



- Red (60%)
- Yellow (50%)
- Blue (76%)



- Cyan (22%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)





- Cyan (40%)
- Magenta (50%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 39.159, 306.591 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 58, 39.159, 306.591 by changing the saturation by 10% instead.


 58, 39.159,
306.591


 58, 39.159,
306.591


 100, 39.159,
306.591


 48, 39.159,
306.591


 78, 39.159,
306.591

 38, 39.159,
306.591

 88, 39.159,
306.591

 28, 39.159,
306.591

 98, 39.159,
306.591

 18, 39.159,
306.591

 8, 39.159, 306.591

 0, 39.159, 306.591

58, 39.159,
306.591

58, 39.159,
306.591

52, 51.191,
307.319

64, 27.368,
305.910

46, 63.288,
308.063

70, 15.906,
305.288

41, 75.112,
308.767

76, 4.805, 304.724

82, 5.927, 124.263

36, 86.080,
309.339

88, 16.301,
123.826

32, 95.324,
309.645


94, 26.329,
123.452

29, 101.836,
309.532

97, 31.220,
119.732

28, 104.548,
309.366

98, 30.545,
111.357

 99, 30.474,
107.860

Harmonies

Complementary

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



58, 39.159, 306.591



75, 36.775, 122.723

Rectangle

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



58, 39.159, 306.591



58, 39.159, 356.591



58, 39.159, 126.591



58, 39.159, 176.591

Sweetspot

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



58, 39.158, 306.591



92, 13.532, 305.042



67, 19.001, 244.403



48, 9.329, 305.124



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 39.158, 306.591



69, 58.190, 307.113



61, 42.611, 322.352



38, 6.181, 304.997



22, 90.578, 309.512



2, 19.868, 301.223

Inverse Universe

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



61, 34.178, 340.169



74, 50.057, 340.873



73, 42.225, 138.738



38, 5.559, 338.042



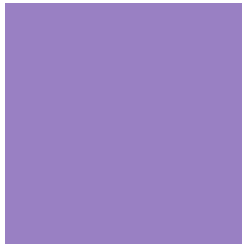
35, 62.783, 350.289



3, 17.207, 344.620

Previews

White Background



This preview shows how the CIELCh color 58, 39.159, 306.591 looks on a white background.

Color Contrast Check

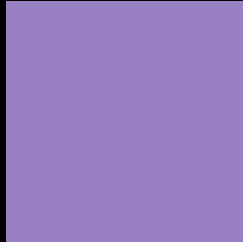
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 39.159, 306.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

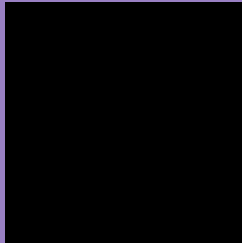
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 39.159, 306.591

Background



This preview shows how black text looks on a background with the CIELCh color 58, 39.159, 306.591.

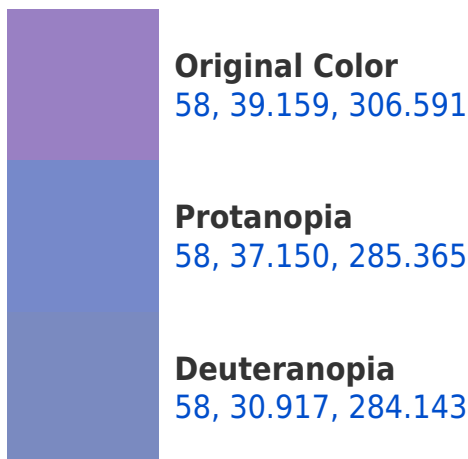



This preview shows how white text looks on a background with the CIELCh color 58, 39.159, 306.591.

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





Tritanopia
58, 6.847, 313.965

Trichromacy



Original Color
58, 39.159, 306.591

Protanomaly
58, 36.965, 292.822

Deuteranomaly
58, 33.586, 293.384

Tritanomaly
58, 18.368, 307.153

Monochromacy



Original Color
58, 39.159, 306.591

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 14.651, 304.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 39.159, 306.591 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(153, 128, 195)` looks like.

```
.text, #text, p{  
    color:rgb(153, 128, 195)  
}
```

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(153, 128, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 128, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 39.159, 306.591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

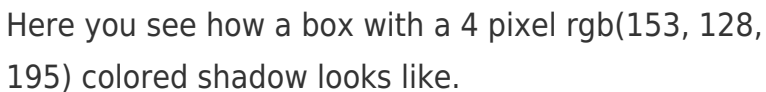
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 128, 195) }
```

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

```
.border{ border-color:rgb(153, 128, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 128, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 128, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 128, 195); box-shadow:4px 4px 4px 4px rgb(153, 128, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 39.159, 306.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 128, 195) }
```

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

```
.background{ background-color: rgb(153,  
128, 195) }
```

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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