

Converting Colors

CIELCh(59, 30.899, 310.067)

Have a look what the booklet for
CIELCh(59, 30.899, 310.067)
contains.

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Color

CIELCh(59, 30.902, 309.780)

Conversions

Conversions Part 1

Format	Color
Hex	9D84B8
RGB	157, 132, 184
RGB Percent	62%, 52%, 72%
CMY	0.3853, 0.4833, 0.2795
CMYK	0.15, 0.28, 0.00, 0.28
HSL	269°, 27%, 62%
HSV	269°, 28%, 72%
XYZ	30.6969, 27.0277, 48.8028
YIQ	145.4030, -1.7920, 21.4720

Conversions

Conversions Part 2

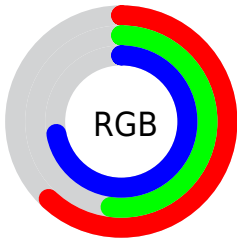
Format	Color
R_{YB}	157, 132, 184
Decimal	10323128
CIE _{Lab}	59.00, 19.77, -23.75
CIE _{LCh}	59, 30.902, 309.780
Yxy	27.0277, 0.2882, 0.2537
Android (android.graphics.Color)	4288513208 (0xFF9D84B8)
YUV	145.4030, 19.0283, 10.1706
Hunter-Lab	51.9882, 14.4174, -19.2654

Details

The CIELCh color $59, 30.902, 309.780$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 29.668, 127.078$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 30.952, 309.855$, and $39, 31.232, 309.860$ is the 20% darker color. If you saturate the color by 10%, you get $54, 42.290, 310.337$, and if you desaturate by 10%, it is $65, 19.716, 309.249$.

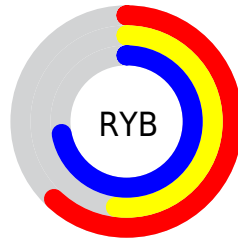
Distribution



Red (62%)

Green (52%)

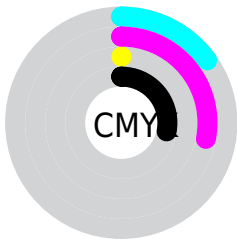
Blue (72%)



Red (62%)

Yellow (52%)

Blue (72%)

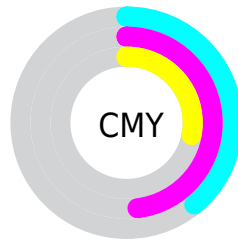


Cyan (15%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (39%)


Magenta (48%)


Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 30.902, 309.780 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, 30.902, 309.780 by changing the saturation by 10% instead.


 59, 30.902,
309.780


 59, 30.902,
309.780


 100, 30.902,
309.780


 49, 30.902,
309.780


 79, 30.902,
309.780

 39, 30.902,
309.780

 89, 30.902,
309.780

 29, 30.902,
309.780

 99, 30.902,
309.780

 19, 30.902,
309.780

 9, 30.902, 309.780

 0, 30.902, 309.780

59, 30.902,
309.780

59, 30.902,
309.780

54, 42.290,
310.337

65, 19.716,
309.249

48, 53.740,
310.897

70, 8.812, 308.752

43, 64.990,
311.419

76, 1.777, 128.379

39, 75.617,
311.840

81, 12.040,
127.931

34, 84.991,
312.068

87, 21.981,
127.574

31, 92.328,
311.988

92, 31.609,
127.263


29, 97.186,
311.544

96, 37.883,
125.634

28, 97.954,

97, 36.854,
120.470

311.472

 98, 36.156,
114.956

Harmonies

Complementary

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



59, 30.902, 309.780



72, 29.668, 127.078

Rectangle

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



59, 30.902, 309.780



59, 30.902, 359.780



59, 30.902, 129.780



59, 30.902, 179.780

Sweetspot

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



59, 30.900, 309.780



89, 10.550, 308.745



64, 16.183, 255.934



46, 7.509, 308.817



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



59, 30.900, 309.780



71, 46.428, 310.128



62, 34.332, 325.008



36, 6.026, 308.803



23, 86.493, 311.617



2, 15.906, 304.267

Inverse Universe

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



61, 25.032, 345.144



74, 37.376, 345.826



70, 34.271, 141.720



36, 4.932, 343.339



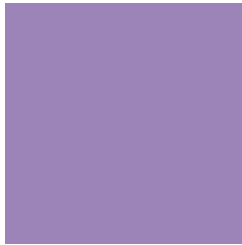
33, 58.883, 359.591



3, 12.345, 349.681

Previews

White Background



This preview shows how the CIELCh color 59, 30.902, 309.780 looks on a white background.

Color Contrast Check

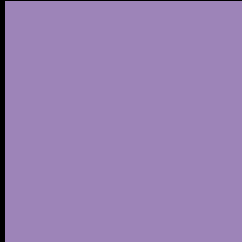
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.902, 309.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

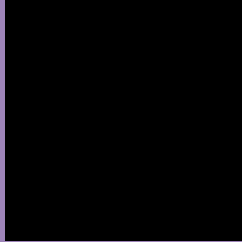
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 30.902, 309.780

Background



This preview shows how black text looks on a background with the CIELCh color 59, 30.902, 309.780.




This preview shows how white text looks on a background with the CIELCh color 59, 30.902, 309.780.

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
59, 8.046, 329.440

Trichromacy



Original Color
59, 30.902, 309.780

Protanomaly
59, 28.967, 294.060

Deuteranomaly
59, 26.241, 297.581

Tritanomaly
59, 16.137, 314.910

Monochromacy



Original Color
59, 30.902, 309.780

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 11.328, 308.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 30.902, 309.780 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(157, 132, 184)` looks like.

```
.text, #text, p{  
    color:rgb(157, 132, 184)  
}
```

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(157, 132, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 132, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 30.902, 309.780 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(157, 132, 184) }
```

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

```
.border{ border-color:rgb(157, 132, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 132, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 132, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 132, 184);  
box-shadow:4px 4px 4px 4px rgb(157, 132,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 30.902, 309.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 132, 184) }
```

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

```
.background{ background-color: rgb(157,  
132, 184) }
```

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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