

Converting Colors

CIELCh(58, 35.274, 303.412)

Have a look what the booklet for
CIELCh(58, 35.274, 303.412)
contains.

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Color

CIELCh(58, 35.330, 303.273)

Conversions

Conversions Part 1

Format	Color
Hex	9382BF
RGB	147, 130, 191
RGB Percent	58%, 51%, 75%
CMY	0.4232, 0.4899, 0.2507
CMYK	0.23, 0.32, 0.00, 0.25
HSL	257°, 32%, 63%
HSV	257°, 32%, 75%
XYZ	29.4525, 25.9610, 52.7960
YIQ	142.0370, -9.4490, 22.5750

Conversions

Conversions Part 2

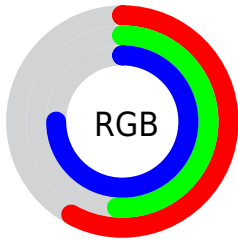
Format	Color
R_{YB}	147, 130, 191
Decimal	9667263
CIE _{Lab}	58.00, 19.38, -29.54
CIE _{LCh}	58, 35.330, 303.273
Yxy	25.9610, 0.2722, 0.2399
Android (android.graphics.Color)	4287857343 (0xFF9382BF)
YUV	142.0370, 24.1388, 4.3526
Hunter-Lab	50.9519, 14.0150, -25.7695

Details

The CIELCh color **58, 35.330, 303.273** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75, 33.076, 119.096**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 35.564, 303.297**, and **38, 34.869, 303.070** is the 20% darker color. If you saturate the color by 10%, you get **52, 47.159, 304.172**, and if you desaturate by 10%, it is **64, 23.841, 302.460**.

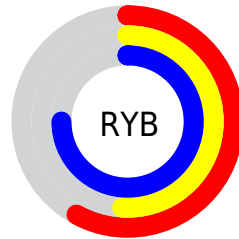
Distribution



Red (58%)

Green (51%)

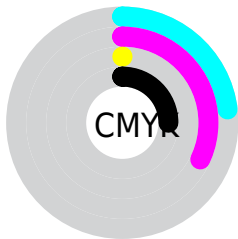
Blue (75%)



Red (58%)

Yellow (51%)

Blue (75%)

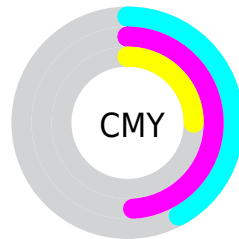


Cyan (23%)

Magenta (32%)

Yellow (0%)

Black (25%)



Cyan (42%)


Magenta (49%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 35.330, 303.273 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, 35.330, 303.273 by changing the saturation by 10% instead.


 58, 35.330,
303.273


 58, 35.330,
303.273


 100, 35.330,
303.273


 48, 35.330,
303.273


 78, 35.330,
303.273

 38, 35.330,
303.273

 88, 35.330,
303.273

 28, 35.330,
303.273

 98, 35.330,
303.273

 18, 35.330,
303.273

 8, 35.330, 303.273

 0, 35.330, 303.273

58, 35.330,
303.273

58, 35.330,
303.273

52, 47.159,
304.172

64, 23.841,
302.460

46, 59.221,
305.139

70, 12.739,
301.739

40, 71.263,
306.125

76, 2.027, 301.091

35, 82.795,
307.042

82, 8.304, 120.566

31, 92.977,
307.747

88, 18.274,
120.088

27, 100.659,
308.052

94, 27.901,
119.677

25, 104.924,
308.040

98, 32.503,
115.384

99, 32.173,
107.729

Harmonies

Complementary

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



58, 35.330, 303.273



75, 33.076, 119.096

Rectangle

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



58, 35.330, 303.273



58, 35.330, 353.273



58, 35.330, 123.273



58, 35.330, 173.273

Sweetspot

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



58, 35.329, 303.273



90, 13.133, 301.620



69, 17.097, 230.128



47, 9.056, 301.715



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



58, 35.329, 303.273



69, 52.437, 303.864



61, 38.094, 319.182



37, 5.966, 301.567



20, 91.042, 308.164



1, 17.638, 298.355

Inverse Universe

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



62, 33.314, 335.685



75, 48.699, 336.215



73, 37.442, 136.178



37, 5.816, 334.026



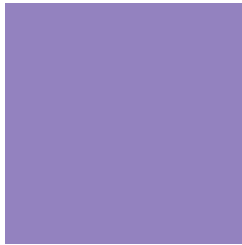
35, 65.624, 343.111



3, 16.382, 338.578

Previews

White Background



This preview shows how the CIELCh color 58, 35.330, 303.273 looks on a white background.

Color Contrast Check

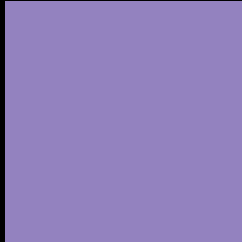
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.330, 303.273 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, 35.330, 303.273

Background



This preview shows how black text looks on a background with the CIELCh color 58, 35.330, 303.273.



This preview shows how white text looks on a background with the CIELCh color 58, 35.330, 303.273.

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


58, 35.330, 303.273

Protanopia

58, 34.280, 285.636

Deuteranopia

58, 29.695, 285.369



Tritanopia
58, 6.282, 294.372

Trichromacy



Original Color
58, 35.330, 303.273

Protanomaly
58, 34.722, 291.959

Deuteranomaly
58, 31.291, 292.488

Tritanomaly
58, 16.777, 300.793

Monochromacy



Original Color
58, 35.330, 303.273

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 12.738, 301.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 35.330, 303.273 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(147, 130, 191)` looks like.

```
.text, #text, p{  
    color:rgb(147, 130, 191)  
}
```

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(147, 130, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 130, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 35.330, 303.273 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(147, 130, 191) }
```

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

```
.border{ border-color:rgb(147, 130, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 130, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 130, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 130, 191);  
box-shadow:4px 4px 4px 4px rgb(147, 130,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 35.330, 303.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 130, 191) }
```

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

```
.background{ background-color: rgb(147,  
130, 191) }
```

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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