

Converting Colors

CIELCh(58, 29.348, 297.602)

Have a look what the booklet for
CIELCh(58, 29.348, 297.602)
contains.

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Color

CIELCh(58, 29.787, 298.054)

Conversions

Conversions Part 1

Format	Color
Hex	8C85B9
RGB	140, 133, 185
RGB Percent	55%, 52%, 73%
CMY	0.4499, 0.4774, 0.2734
CMYK	0.24, 0.28, 0.00, 0.27
HSL	248°, 27%, 62%
HSV	248°, 28%, 73%
XYZ	28.0712, 25.9610, 49.5862
YIQ	141.0210, -12.5200, 17.6560

Conversions

Conversions Part 2

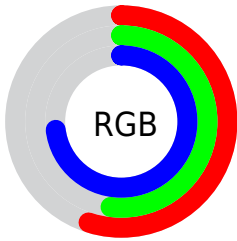
Format	Color
RYB	140, 133, 185
Decimal	9209273
CIELab	58.00, 14.01, -26.29
CIELCh	58, 29.787, 298.054
Yxy	25.9610, 0.2709, 0.2505
Android (android.graphics.Color)	4287399353 (0xFF8C85B9)
YUV	141.0210, 21.6816, -0.8954
Hunter-Lab	50.9519, 9.1761, -22.0344

Details

The CIELCh color $58, 29.787, 298.054$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $74, 27.925, 113.327$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 29.708, 297.900$, and $38, 29.646, 297.944$ is the 20% darker color. If you saturate the color by 10%, you get $52, 41.203, 299.257$, and if you desaturate by 10%, it is $64, 18.800, 297.005$.

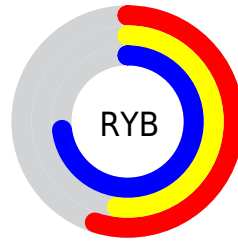
Distribution



Red (55%)

Green (52%)

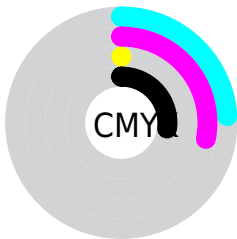
Blue (73%)



Red (55%)

Yellow (52%)

Blue (73%)

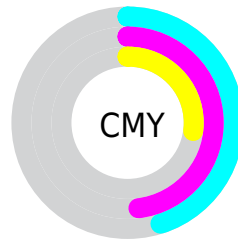


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (45%)


Magenta (48%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 29.787, 298.054 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, 29.787, 298.054 by changing the saturation by 10% instead.


 58, 29.787,
298.054


 58, 29.787,
298.054


 100, 29.787,
298.054


 48, 29.787,
298.054


 78, 29.787,
298.054

 38, 29.787,
298.054

 88, 29.787,
298.054

 28, 29.787,
298.054

 98, 29.787,
298.054

 18, 29.787,
298.054

 8, 29.787, 298.054

 0, 29.787, 298.054

■ 58, 29.787,
298.054

■ 58, 29.787,
298.054

■ 52, 41.203,
299.257

■ 64, 18.800,
297.005

■ 46, 53.014,
300.613

■ 70, 8.239, 296.101

■ 76, 1.917, 115.315

■ 40, 65.088,
302.093

■ 82, 11.693,
114.653

■ 34, 77.081,
303.620

■ 89, 21.116,
114.082

■ 30, 88.273,
305.040

■ 94, 30.209,
113.590

■ 26, 97.433,
306.117

■ 98, 35.062,
109.074

■ 23, 103.404,
306.679

■ 99, 35.044,
107.508

■ 23, 104.415,

Harmonies

Complementary

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



58, 29.787, 298.054



74, 27.925, 113.327

Rectangle

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



58, 29.787, 298.054



58, 29.787, 348.054



58, 29.787, 118.054



58, 29.787, 168.054

Sweetspot

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



58, 29.786, 298.054



89, 10.065, 296.106



70, 15.736, 212.308



46, 7.168, 296.233



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



58, 29.786, 298.054



69, 45.044, 298.815



60, 31.711, 314.788



36, 5.752, 296.207



18, 91.658, 306.863



1, 15.435, 294.192

Inverse Universe

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



62, 31.586, 330.015



75, 47.014, 330.413



72, 30.878, 132.317



36, 6.298, 328.869



36, 71.991, 334.344



3, 16.405, 330.600

Previews

White Background



This preview shows how the CIELCh color 58, 29.787, 298.054 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 58, 29.787, 298.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

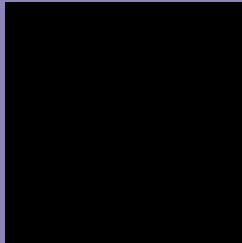
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 29.787, 298.054

Background



This preview shows how black text looks on a background with the CIELCh color 58, 29.787, 298.054.



This preview shows how white text looks on a background with the CIELCh color 58, 29.787, 298.054.

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

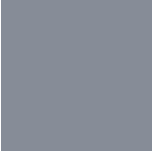
58, 29.787, 298.054

Protanopia

58, 29.139, 285.125

Deuteranopia

58, 26.813, 286.813



Tritanopia
58, 6.599, 271.020

Trichromacy



Original Color
58, 29.787, 298.054

Protanomaly
58, 29.582, 290.318

Deuteranomaly
58, 27.316, 290.458

Tritanomaly
58, 14.228, 288.899

Monochromacy



Original Color
58, 29.787, 298.054

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 10.886, 297.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 29.787, 298.054 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(140, 133, 185)` looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 185)  
}
```

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(140, 133, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 29.787, 298.054 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(140, 133, 185) }
```

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

```
.border{ border-color:rgb(140, 133, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 133, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 185);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 29.787, 298.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 185) }
```

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

```
.background{ background-color: rgb(140,  
133, 185) }
```

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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