

Converting Colors

CIELCh(58, 28.271, 294.119)

Have a look what the booklet for
CIELCh(58, 28.271, 294.119)
contains.

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Color

CIELCh(58, 27.912, 294.011)

Conversions

Conversions Part 1

Format	Color
Hex	8887B8
RGB	136, 135, 184
RGB Percent	53%, 53%, 72%
CMY	0.4673, 0.4712, 0.2791
CMYK	0.26, 0.27, 0.00, 0.28
HSL	241°, 26%, 62%
HSV	241°, 27%, 72%
XYZ	27.4060, 25.9610, 48.8259
YIQ	140.8850, -15.1330, 15.4510

Conversions

Conversions Part 2

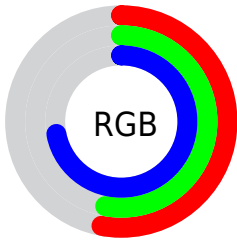
Format	Color
R _Y B	136, 135, 184
Decimal	8947640
CIE Lab	58.00, 11.36, -25.50
CIE LCh	58, 27.912, 294.011
Yxy	25.9610, 0.2682, 0.2540
Android (android.graphics.Color)	4287137720 (0xFF8887B8)
YUV	140.8850, 21.2557, -4.2841
Hunter-Lab	50.9519, 6.8457, -21.1497

Details

The CIELCh color **58, 27.912, 294.011** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **74, 26.210, 108.512**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 27.923, 294.023**, and **38, 28.328, 294.483** is the 20% darker color. If you saturate the color by 10%, you get **52, 39.203, 295.520**, and if you desaturate by 10%, it is **64, 17.082, 292.719**.

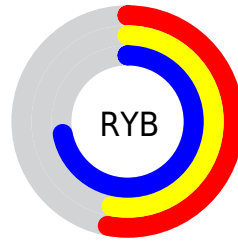
Distribution



Red (53%)

Green (53%)

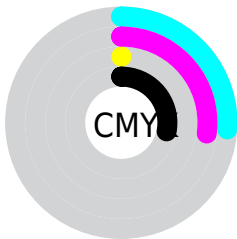
Blue (72%)



Red (53%)

Yellow (53%)

Blue (72%)

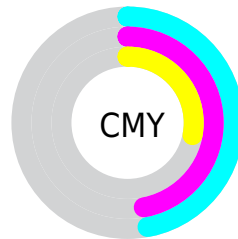


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (28%)



Cyan (47%)


Magenta (47%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 27.912, 294.011 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, 27.912, 294.011 by changing the saturation by 10% instead.


 58, 27.912,
294.011


 58, 27.912,
294.011


 100, 27.912,
294.011


 48, 27.912,
294.011


 78, 27.912,
294.011

 38, 27.912,
294.011


 88, 27.912,
294.011

 28, 27.912,
294.011

 98, 27.912,
294.011

 18, 27.912,
294.011

 8, 27.912, 294.011

 0, 27.912, 294.011

■ 58, 27.912,
294.011

■ 58, 27.912,
294.011

■ 52, 39.203,
295.520

■ 64, 17.082,
292.719

■ 46, 50.957,
297.259

■ 71, 6.690, 291.625

■ 77, 3.295, 110.666

■ 39, 63.091,
299.211

■ 83, 12.904,
109.882

■ 34, 75.321,
301.291

■ 89, 22.165,
109.203

■ 29, 86.949,
303.318

■ 95, 31.102,
108.621

■ 25, 96.651,
304.998

■ 99, 35.755,
107.453

■ 22, 102.871,
306.046

■ 22, 104.553,

Harmonies

Complementary

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



58, 27.912, 294.011



74, 26.210, 108.512

Rectangle

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



58, 27.912, 294.011



58, 27.912, 344.011



58, 27.912, 114.011



58, 27.912, 164.011

Sweetspot

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



58, 27.911, 294.010



88, 10.015, 291.776



71, 16.580, 199.664



46, 7.134, 291.932



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, 27.911, 294.010



70, 42.099, 294.872



60, 29.231, 310.891



35, 5.724, 291.901



17, 92.392, 306.361



1, 15.388, 290.886

Inverse Universe

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



62, 32.217, 326.433



77, 47.879, 326.747



72, 28.222, 128.441



36, 6.815, 325.475



37, 78.645, 329.045



3, 18.441, 325.505

Previews

White Background



This preview shows how the CIELCh color 58, 27.912, 294.011 looks on a white background.

Color Contrast Check

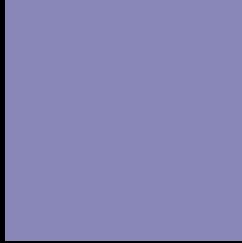
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.912, 294.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

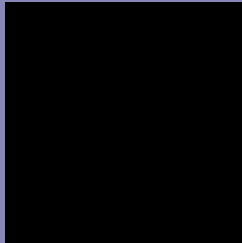
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 27.912, 294.011

Background



This preview shows how black text looks on a background with the CIELCh color 58, 27.912, 294.011.



This preview shows how white text looks on a background with the CIELCh color 58, 27.912, 294.011.

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, 27.912, 294.011

Protanopia

58, 27.434, 285.002

Deuteranopia

58, 26.226, 287.301



Tritanopia
58, 7.377, 257.372

Trichromacy



Original Color
58, 27.912, 294.011

Protanomaly
58, 27.326, 288.378

Deuteranomaly
58, 26.764, 289.624

Tritanomaly
58, 14.372, 281.772

Monochromacy



Original Color
58, 27.912, 294.011

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 10.232, 291.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 27.912, 294.011 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(136, 135, 184)` looks like.

```
.text, #text, p{  
    color:rgb(136, 135, 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(136, 135, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 135, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 27.912, 294.011 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(136, 135, 184) }
```

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

```
.border{ border-color:rgb(136, 135, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 135, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 135, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 135, 184);  
box-shadow:4px 4px 4px 4px rgb(136, 135,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 27.912, 294.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 135, 184) }
```

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

```
.background{ background-color: rgb(136,  
135, 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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