

Converting Colors

CIELCh(58, 16.090, 298.481)

Have a look what the booklet for
CIELCh(58, 16.090, 298.481)
contains.

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Color

CIELCh(58, 16.090, 298.482)

Conversions

Conversions Part 1

Format	Color
Hex	8D88A4
RGB	141, 136, 164
RGB Percent	55%, 53%, 64%
CMY	0.4470, 0.4666, 0.3568
CMYK	0.14, 0.17, 0.00, 0.36
HSL	251°, 13%, 59%
HSV	251°, 17%, 64%
XYZ	26.4991, 25.9610, 38.7476
YIQ	140.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

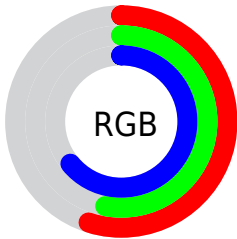
Format	Color
RYB	141, 136, 164
Decimal	9275556
CIELab	58.00, 7.67, -14.14
CIELCh	58, 16.090, 298.482
Yxy	25.9610, 0.2905, 0.2846
Android (android.graphics.Color)	4287465636 (0xFF8D88A4)
YUV	140.6870, 11.4933, 0.2745
Hunter-Lab	50.9519, 3.6684, -9.4221

Details

The CIELCh color $58, 16.090, 298.482$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $66, 15.516, 115.980$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.270, 299.003$, and $38, 16.189, 299.445$ is the 20% darker color. If you saturate the color by 10%, you get $52, 26.005, 299.413$, and if you desaturate by 10%, it is $64, 6.542, 297.670$.

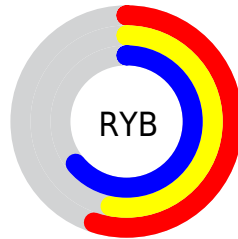
Distribution



Red (55%)

Green (53%)

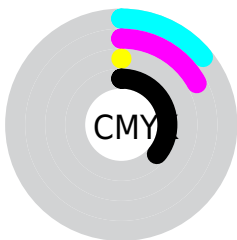
Blue (64%)



Red (55%)

Yellow (53%)

Blue (64%)

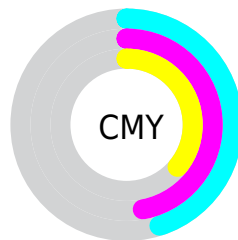


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (36%)



Cyan (45%)


Magenta (47%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 16.090, 298.482 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, 16.090, 298.482 by changing the saturation by 10% instead.

 58, 16.090,
298.482


 58, 16.090,
298.482


 100, 16.090,
298.482


 48, 16.090,
298.482


 78, 16.090,
298.482

 38, 16.090,
298.482

 88, 16.090,
298.482

 28, 16.090,
298.482

 98, 16.090,
298.482

 18, 16.090,
298.482

 8, 16.090, 298.482

 0, 16.090, 298.482

■ 58, 16.090,
298.482

■ 58, 16.090,
298.482

■ 52, 26.005,
299.413

■ 64, 6.542, 297.670

■ 47, 36.293,
300.475

■ 69, 2.650, 116.972

■ 42, 46.917,
301.664

■ 74, 11.506,
116.368

■ 36, 57.762,
302.956

■ 80, 20.049,
115.849

■ 31, 68.554,
304.284

■ 85, 28.297,
115.402

■ 27, 78.726,
305.524

■ 90, 36.272,
115.018


■ 23, 87.310,
306.477


■ 96, 43.990,
114.686

■ 20, 93.303,

■ 98, 45.498,
109.753

306.976

 98, 45.426,
106.706

 20, 94.901,
307.142

Harmonies

Complementary

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



58, 16.090, 298.482



66, 15.516, 115.980

Rectangle

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



58, 16.090, 298.482



58, 16.090, 348.482



58, 16.090, 118.482



58, 16.090, 168.482

Sweetspot

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



58, 16.089, 298.480



82, 5.731, 297.523



64, 8.791, 216.027



43, 3.907, 297.572



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 16.089, 298.480



72, 23.573, 298.774



59, 17.408, 315.368



32, 5.233, 297.838



17, 86.766, 307.208



1, 8.007, 296.513

Inverse Universe

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



60, 16.850, 330.809



75, 24.559, 331.019



65, 17.159, 133.939



32, 5.538, 330.316



33, 66.321, 336.683



1, 8.297, 331.357

Previews

White Background



This preview shows how the CIELCh color 58, 16.090, 298.482 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, 16.090, 298.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

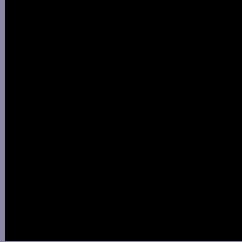
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 16.090, 298.482

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.090, 298.482.



This preview shows how white text looks on a background with the CIELCh color 58, 16.090, 298.482.

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, 16.090, 298.482

Protanopia

58, 15.397, 286.608

Deuteranopia

58, 16.090, 298.482



Tritanopia
58, 5.688, 290.843

Trichromacy



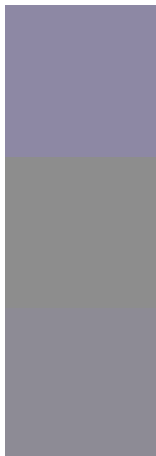
Original Color
58, 16.090, 298.482

Protanomaly
58, 15.945, 292.007

Deuteranomaly
58, 16.090, 298.482

Tritanomaly
58, 9.149, 295.923

Monochromacy



Original Color
58, 16.090, 298.482

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 5.749, 298.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.090, 298.482 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(141, 136, 164)` looks like.

```
.text, #text, p{  
    color:rgb(141, 136, 164)  
}
```

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(141, 136, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 136, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.090, 298.482 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(141, 136, 164) }
```

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

```
.border{ border-color:rgb(141, 136, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 136, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 136, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 136, 164);  
box-shadow:4px 4px 4px 4px rgb(141, 136,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.090, 298.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 136, 164) }
```

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

```
.background{ background-color: rgb(141,  
136, 164) }
```

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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