

Converting Colors

CIELCh(58, 18.311, 340.995)

Have a look what the booklet for
CIELCh(58, 18.311, 340.995)
contains.

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Color

CIELCh(58, 18.376, 341.138)

Conversions

Conversions Part 1

Format	Color
Hex	A58196
RGB	165, 129, 150
RGB Percent	65%, 51%, 59%
CMY	0.3523, 0.4935, 0.4112
CMYK	0.00, 0.22, 0.09, 0.35
HSL	325°, 17%, 58%
HSV	325°, 22%, 65%
XYZ	28.9348, 25.9610, 32.4024
YIQ	142.1580, 14.7150, 14.1630

Conversions

Conversions Part 2

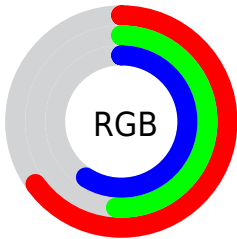
Format	Color
R_{YB}	165, 129, 150
Decimal	10846614
CIE _{Lab}	58.00, 17.39, -5.94
CIE _{LCh}	58, 18.376, 341.138
Yxy	25.9610, 0.3314, 0.2974
Android (android.graphics.Color)	4289036694 (0xFFFA58196)
YUV	142.1580, 3.8661, 20.0324
Hunter-Lab	50.9519, 12.2016, -2.0386

Details

The CIELCh color $58, 18.376, 341.138$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $65, 18.056, 157.650$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 18.281, 340.990$, and $38, 18.695, 341.548$ is the 20% darker color. If you saturate the color by 10%, you get $54, 26.875, 342.064$, and if you desaturate by 10%, it is $62, 9.872, 340.289$.

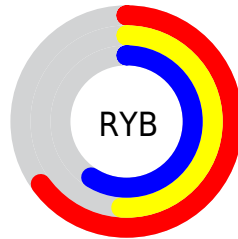
Distribution



Red (65%)

Green (51%)

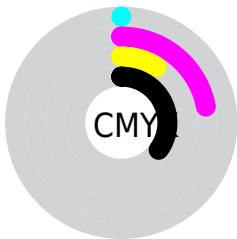
Blue (59%)



Red (65%)

Yellow (51%)

Blue (59%)

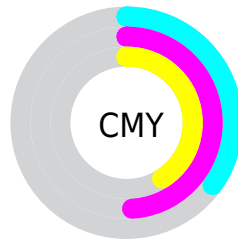


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (35%)



Cyan (35%)


Magenta (49%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 18.376, 341.138 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, 18.376, 341.138 by changing the saturation by 10% instead.


 58, 18.376,
341.138


 58, 18.376,
341.138


 100, 18.376,
341.138


 48, 18.376,
341.138


 78, 18.376,
341.138

 38, 18.376,
341.138

 88, 18.376,
341.138

 28, 18.376,
341.138

 98, 18.376,
341.138

 18, 18.376,
341.138

 8, 18.376, 341.138

 0, 18.376, 341.138

58, 18.376,
341.138

58, 18.376,
341.138

54, 26.875,
342.064

62, 9.872, 340.289

50, 35.177,
343.092

67, 1.495, 339.338

72, 6.682, 158.897

46, 42.999,
344.260

76, 14.618,
158.214

43, 49.977,
345.617

81, 22.299,
157.595

40, 55.691,
347.239

86, 29.725,
157.021

38, 59.756,
349.225


90, 36.903,
156.486

37, 61.953,
351.699

93, 40.287,
157.530

36, 62.778,

354.049

 94, 37.874,
161.411

Harmonies

Complementary

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



58, 18.376, 341.138



65, 18.056, 157.650

Rectangle

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



58, 18.376, 341.138



58, 18.376, 31.138



58, 18.376, 161.138



58, 18.376, 211.138

Sweetspot

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



58, 18.374, 341.140



82, 7.204, 339.902



56, 21.416, 307.232



43, 4.675, 339.948



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, 18.374, 341.140



71, 27.132, 341.561



57, 14.786, 14.442



32, 4.675, 340.079



31, 57.267, 353.668



1, 6.936, 342.146

Inverse Universe

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



58, 18.374, 341.140



71, 27.132, 341.561



65, 13.128, 190.957



32, 4.675, 340.079



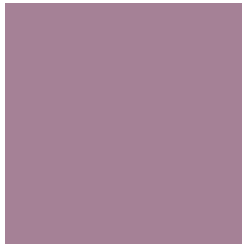
31, 57.267, 353.668



1, 6.936, 342.146

Previews

White Background



This preview shows how the CIELCh color 58, 18.376, 341.138 looks on a white background.

Color Contrast Check

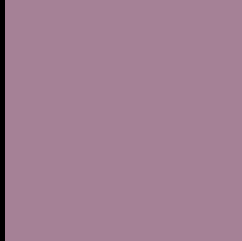
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.376, 341.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

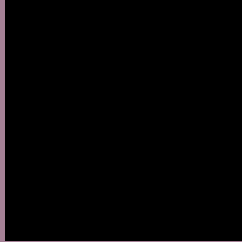
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 18.376, 341.138

Background



This preview shows how black text looks on a background with the CIELCh color 58, 18.376, 341.138.



This preview shows how white text looks on a background with the CIELCh color 58, 18.376, 341.138.

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, 18.376, 341.138

Protanopia

58, 9.680, 286.907

Deuteranopia

58, 8.971, 324.884



Tritanopia
58, 14.305, 357.743

Trichromacy



Original Color
58, 18.376, 341.138

Protanomaly
58, 11.792, 314.022

Deuteranomaly
58, 11.818, 334.592

Tritanomaly
58, 15.591, 350.631

Monochromacy



Original Color
58, 18.376, 341.138

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 6.835, 338.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 18.376, 341.138 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(165, 129, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 129, 150)  
}
```

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(165, 129, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 129, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 18.376, 341.138 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(165, 129, 150) }
```

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

```
.border{ border-color:rgb(165, 129, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 129, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 129, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 129, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 129,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 18.376, 341.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 129, 150) }
```

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

```
.background{ background-color: rgb(165,  
129, 150) }
```

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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