

Converting Colors

CIELCh(58, 26.579, 349.174)

Have a look what the booklet for
CIELCh(58, 26.579, 349.174)
contains.

CIELCh(58, 26.579, 349.174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 26.579, 349.174)

Conversions

Conversions Part 1

Format	Color
Hex	B47B95
RGB	180, 123, 149
RGB Percent	71%, 48%, 58%
CMY	0.2949, 0.5184, 0.4164
CMYK	0.00, 0.32, 0.17, 0.29
HSL	333°, 27%, 59%
HSV	333°, 32%, 71%
XYZ	31.2432, 25.9610, 31.7168
YIQ	143.0070, 25.6260, 20.1700

Conversions

Conversions Part 2

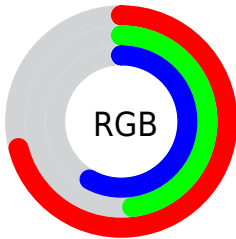
Format	Color
R _Y B	180, 123, 149
Decimal	11828117
CIE Lab	58.00, 26.11, -4.99
CIE LCh	58, 26.579, 349.174
Yxy	25.9610, 0.3514, 0.2920
Android (android.graphics.Color)	4290018197 (0xFFB47B95)
YUV	143.0070, 2.9545, 32.4429
Hunter-Lab	50.9519, 20.2885, -1.2407

Details

The CIELCh color $58, 26.579, 349.174$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 25.335, 163.076$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 26.723, 349.358$, and $38, 26.612, 349.382$ is the 20% darker color. If you saturate the color by 10%, you get $54, 34.974, 350.464$, and if you desaturate by 10%, it is $63, 18.065, 348.057$.

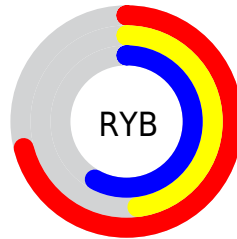
Distribution



Red (71%)

Green (48%)

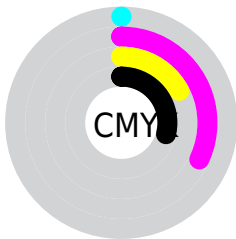
Blue (58%)



Red (71%)

Yellow (48%)

Blue (58%)

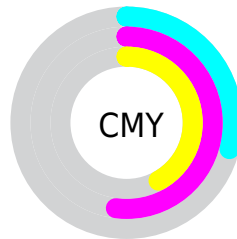


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (52%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 26.579, 349.174 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, 26.579, 349.174 by changing the saturation by 10% instead.


 58, 26.579,
349.174


 58, 26.579,
349.174


 100, 26.579,
349.174


 48, 26.579,
349.174


 78, 26.579,
349.174

 38, 26.579,
349.174

 88, 26.579,
349.174

 28, 26.579,
349.174

 98, 26.579,
349.174

 18, 26.579,
349.174

 8, 26.579, 349.174

 0, 26.579, 349.174

58, 26.579,
349.174

58, 26.579,
349.174

54, 34.974,
350.464

63, 18.065,
348.057

50, 42.978,
351.983

67, 9.627, 347.059

72, 1.378, 345.941

46, 50.222,
353.821

77, 6.618, 165.492

43, 56.282,
356.097

82, 14.334,
164.739

41, 60.781,
358.965

88, 21.762,
164.068

39, 63.545, 2.593

93, 28.911,
163.454

38, 64.948, 6.109

95, 29.397,
168.247

■ 95, 26.815,
177.244

Harmonies

Complementary

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



58, 26.579, 349.174



69, 25.335, 163.076

Rectangle

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



58, 26.579, 349.174



58, 26.579, 39.174



58, 26.579, 169.174



58, 26.579, 219.174

Sweetspot

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



58, 26.577, 349.176



87, 10.201, 346.914



56, 34.421, 311.697



45, 6.967, 347.046



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



58, 26.577, 349.176



71, 39.602, 350.051



58, 23.261, 24.539



35, 4.621, 346.832



32, 57.671, 5.452



2, 10.357, 352.293

Inverse Universe

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



58, 26.577, 349.176



71, 39.602, 350.051



69, 18.678, 201.151



35, 4.621, 346.832



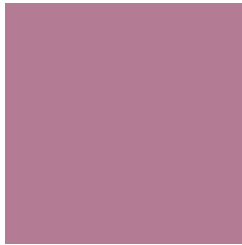
32, 57.671, 5.452



2, 10.357, 352.293

Previews

White Background



This preview shows how the CIELCh color 58, 26.579, 349.174 looks on a white background.

Color Contrast Check

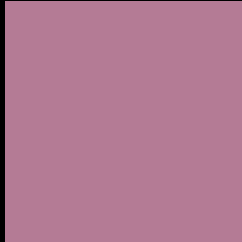
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.579, 349.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

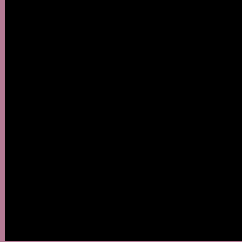
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.579, 349.174

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.579, 349.174.



This preview shows how white text looks on a background with the CIELCh color 58, 26.579, 349.174.

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, 26.579, 349.174

Protanopia

58, 11.378, 287.788

Deuteranopia

58, 7.903, 334.293



Tritanopia
58, 22.229, 7.364

Trichromacy



Original Color
58, 26.579, 349.174

Protanomaly
58, 14.708, 322.637

Deuteranomaly
58, 14.847, 343.417

Tritanomaly
58, 23.747, 359.975

Monochromacy



Original Color
58, 26.579, 349.174

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.377, 347.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.579, 349.174 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(180, 123, 149)` looks like.

```
.text, #text, p{  
    color:rgb(180, 123, 149)  
}
```

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(180, 123, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 123, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.579, 349.174 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(180, 123, 149) }
```

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

```
.border{ border-color:rgb(180, 123, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 123, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 123, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 123, 149);  
box-shadow:4px 4px 4px 4px rgb(180, 123,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.579, 349.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 123, 149) }
```

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

```
.background{ background-color: rgb(180,  
123, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor