

Converting Colors

CIELCh(58, 29.404, 346.207)

Have a look what the booklet for
CIELCh(58, 29.404, 346.207)
contains.

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Color

CIELCh(58, 29.263, 346.333)

Conversions

Conversions Part 1

Format	Color
Hex	B67998
RGB	182, 121, 152
RGB Percent	71%, 47%, 60%
CMY	0.2855, 0.5248, 0.4032
CMYK	0.00, 0.33, 0.16, 0.29
HSL	330°, 30%, 59%
HSV	330°, 33%, 71%
XYZ	31.8800, 25.9610, 33.1162
YIQ	142.7730, 26.4050, 22.5730

Conversions

Conversions Part 2

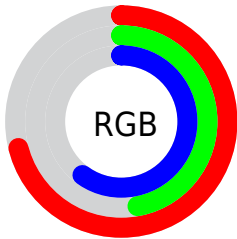
Format	Color
RYB	182, 121, 152
Decimal	11958680
CIELab	58.00, 28.43, -6.91
CIElCh	58, 29.263, 346.333
Yxy	25.9610, 0.3505, 0.2854
Android (android.graphics.Color)	4290148760 (0xFFB67998)
YUV	142.7730, 4.5489, 34.4021
Hunter-Lab	50.9519, 22.5192, -2.8692

Details

The CIELCh color **58, 29.263, 346.333** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 28.148, 160.093**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 29.300, 346.594**, and **38, 29.369, 346.453** is the 20% darker color. If you saturate the color by 10%, you get **54, 37.870, 347.551**, and if you desaturate by 10%, it is **63, 20.443, 345.269**.

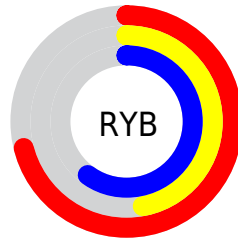
Distribution



Red (71%)

Green (47%)

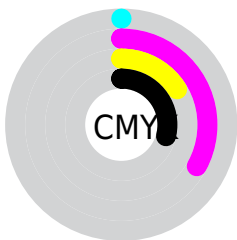
Blue (60%)



Red (71%)

Yellow (47%)

Blue (60%)

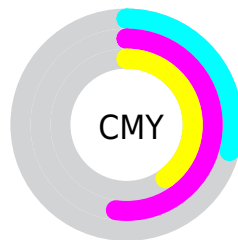


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (29%)



Cyan (29%)


Magenta (52%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 29.263, 346.333 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, 29.263, 346.333 by changing the saturation by 10% instead.


 58, 29.263,
346.333


 58, 29.263,
346.333


 100, 29.263,
346.333


 48, 29.263,
346.333


 78, 29.263,
346.333

 38, 29.263,
346.333

 88, 29.263,
346.333

 28, 29.263,
346.333

 98, 29.263,
346.333

 18, 29.263,
346.333

 8, 29.263, 346.333

 0, 29.263, 346.333

58, 29.263,
346.333

58, 29.263,
346.333

54, 37.870,
347.551

63, 20.443,
345.269

50, 45.959,
348.973

67, 11.634,
344.313

46, 53.126,
350.678

72, 2.974, 343.370

77, 5.457, 162.792

43, 58.926,
352.776

83, 13.619,
162.042

41, 62.979,
355.407

88, 21.498,
161.379

40, 65.144,
358.727

93, 29.096,
160.770

39, 65.938, 1.184

95, 29.722,
164.992

■ 95, 27.128,
172.830

Harmonies

Complementary

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



58, 29.263, 346.333



69, 28.148, 160.093

Rectangle

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



58, 29.263, 346.333



58, 29.263, 36.333



58, 29.263, 166.333



58, 29.263, 216.333

Sweetspot

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



58, 29.261, 346.334



88, 10.648, 344.011



56, 36.559, 310.152



46, 7.335, 344.138



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, 29.261, 346.334



70, 43.235, 347.191



57, 25.702, 21.055



36, 4.895, 343.936



33, 58.740, 0.624



3, 12.264, 350.324

Inverse Universe

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



58, 29.261, 346.334



70, 43.235, 347.191



70, 20.583, 196.216



36, 4.895, 343.936



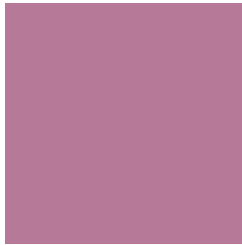
33, 58.740, 0.624



3, 12.264, 350.324

Previews

White Background



This preview shows how the CIELCh color 58, 29.263, 346.333 looks on a white background.

Color Contrast Check

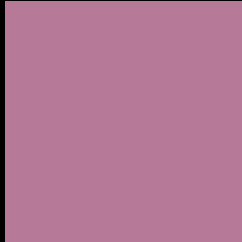
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.263, 346.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

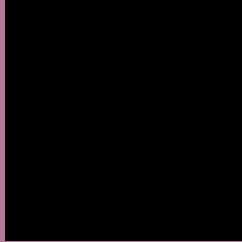
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 29.263, 346.333

Background



This preview shows how black text looks on a background with the CIELCh color 58, 29.263, 346.333.



This preview shows how white text looks on a background with the CIELCh color 58, 29.263, 346.333.

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, 29.263, 346.333

Protanopia

58, 13.686, 285.685

Deuteranopia

58, 9.443, 322.946



Tritanopia
58, 23.467, 8.326

Trichromacy



Original Color
58, 29.263, 346.333

Protanomaly
58, 16.504, 317.373

Deuteranomaly
58, 16.260, 336.974

Tritanomaly
58, 25.214, 358.789

Monochromacy



Original Color
58, 29.263, 346.333

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 10.654, 344.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 29.263, 346.333 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(182, 121, 152)` looks like.

```
.text, #text, p{  
    color:rgb(182, 121, 152)  
}
```

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(182, 121, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 121, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 29.263, 346.333 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(182, 121, 152) }
```

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

```
.border{ border-color:rgb(182, 121, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 121, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 121, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 121, 152);  
box-shadow:4px 4px 4px 4px rgb(182, 121,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 29.263, 346.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 121, 152) }
```

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

```
.background{ background-color: rgb(182,  
121, 152) }
```

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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