

Converting Colors

CIELCh(58, 33.422, 332.295)

Have a look what the booklet for
CIELCh(58, 33.422, 332.295)
contains.

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Color

CIELCh(58, 33.454, 332.307)

Conversions

Conversions Part 1

Format	Color
Hex	B279A7
RGB	178, 121, 167
RGB Percent	70%, 47%, 65%
CMY	0.3016, 0.5252, 0.3448
CMYK	0.00, 0.32, 0.06, 0.30
HSL	312°, 27%, 59%
HSV	312°, 32%, 70%
XYZ	32.2080, 25.9610, 39.9111
YIQ	143.2870, 19.2060, 26.3900

Conversions

Conversions Part 2

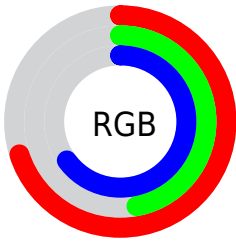
Format	Color
R_{YB}	178, 121, 167
Decimal	11696551
CIE _{Lab}	58.00, 29.62, -15.55
CIE _{LCh}	58, 33.454, 332.307
Yxy	25.9610, 0.3284, 0.2647
Android (android.graphics.Color)	4289886631 (0xFFB279A7)
YUV	143.2870, 11.6905, 30.4433
Hunter-Lab	50.9519, 23.6684, -10.7760

Details

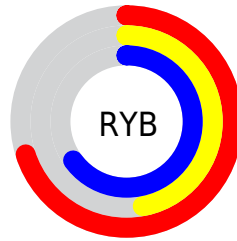
The CIELCh color **58, 33.454, 332.307** is a light color, and the websafe version is hex **996699**. A complement of this color would be **68, 33.322, 147.859**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 33.346, 332.168**, and **38, 33.495, 332.080** is the 20% darker color. If you saturate the color by 10%, you get **54, 43.529, 332.987**, and if you desaturate by 10%, it is **62, 23.031, 331.646**.

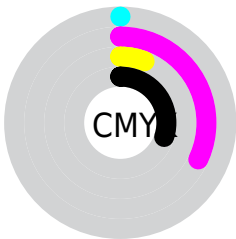
Distribution



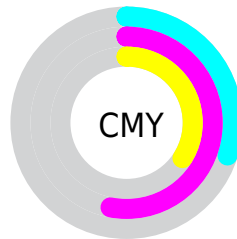
- Red (70%)
- Green (47%)
- Blue (65%)



- Red (70%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (32%)
- Yellow (6%)
- Black (30%)





- Cyan (30%)
- Magenta (53%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 33.454, 332.307 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, 33.454, 332.307 by changing the saturation by 10% instead.


 58, 33.454,
332.307


 58, 33.454,
332.307


 100, 33.454,
332.307


 48, 33.454,
332.307


 78, 33.454,
332.307

 38, 33.454,
332.307

 88, 33.454,
332.307

 28, 33.454,
332.307

 98, 33.454,
332.307

 18, 33.454,
332.307

 8, 33.454, 332.307

 0, 33.454, 332.307

58, 33.454,
332.307

58, 33.454,
332.307

54, 43.529,
332.987

62, 23.031,
331.646

50, 52.921,
333.686

67, 12.517,
330.999

47, 61.203,
334.410

72, 2.083, 330.273

44, 67.914,
335.173

76, 8.162, 149.854

42, 72.647,
335.994

81, 18.154,
149.273


41, 75.182,
336.908

86, 27.862,
148.732

40, 76.013,
337.704

91, 37.274,
148.223

94, 41.392,
148.694

 94, 40.030,
150.275

Harmonies

Complementary

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



58, 33.454, 332.307



68, 33.322, 147.859

Rectangle

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



58, 33.454, 332.307



58, 33.454, 22.307



58, 33.454, 152.307



58, 33.454, 202.307

Sweetspot

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



58, 33.452, 332.307



86, 12.911, 330.881



54, 33.215, 300.100



45, 8.888, 330.970



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, 33.452, 332.307



71, 49.016, 332.757



57, 24.914, 358.335



35, 5.904, 330.825



34, 68.080, 337.568



2, 13.412, 333.225

Inverse Universe

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



58, 33.452, 332.307



71, 49.016, 332.757



68, 22.812, 171.667



35, 5.904, 330.825



34, 68.080, 337.568



2, 13.412, 333.225

Previews

White Background



This preview shows how the CIELCh color 58, 33.454, 332.307 looks on a white background.

Color Contrast Check

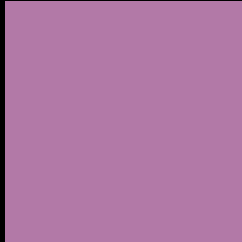
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.454, 332.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

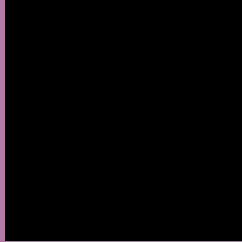
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 33.454, 332.307

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.454, 332.307.



This preview shows how white text looks on a background with the CIELCh color 58, 33.454, 332.307.

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, 33.454, 332.307

Protanopia

58, 23.421, 285.352

Deuteranopia

58, 16.090, 298.482



Tritanopia
58, 19.783, 5.163

Trichromacy



Original Color
58, 33.454, 332.307

Protanomaly
58, 25.181, 305.076

Deuteranomaly
58, 21.236, 315.838

Tritanomaly
58, 23.452, 348.575

Monochromacy



Original Color
58, 33.454, 332.307

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 12.627, 330.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.454, 332.307 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(178, 121, 167)` looks like.

```
.text, #text, p{  
    color:rgb(178, 121, 167)  
}
```

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(178, 121, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 121, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.454, 332.307 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(178, 121, 167) }
```

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

```
.border{ border-color:rgb(178, 121, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 121, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 121, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 121, 167);  
box-shadow:4px 4px 4px 4px rgb(178, 121,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.454, 332.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 121, 167) }
```

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

```
.background{ background-color: rgb(178,  
121, 167) }
```

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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