

Converting Colors

CIELCh(58, 20.378, 350.973)

Have a look what the booklet for
CIELCh(58, 20.378, 350.973)
contains.

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Color

CIELCh(58, 20.354, 349.954)

Conversions

Conversions Part 1

Format	Color
Hex	AB7F92
RGB	171, 127, 146
RGB Percent	67%, 50%, 57%
CMY	0.3289, 0.5015, 0.4270
CMYK	0.00, 0.26, 0.15, 0.33
HSL	334°, 21%, 58%
HSV	334°, 26%, 67%
XYZ	29.6248, 25.9610, 30.6933
YIQ	142.3220, 20.1250, 15.2370

Conversions

Conversions Part 2

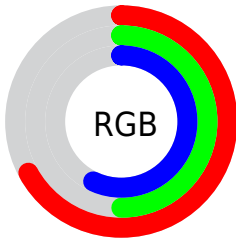
Format	Color
R_{YB}	171, 127, 146
Decimal	11239314
CIE _{Lab}	58.00, 20.04, -3.55
CIE _{LCh}	58, 20.354, 349.954
Yxy	25.9610, 0.3434, 0.3009
Android (android.graphics.Color)	4289429394 (0xFFAB7F92)
YUV	142.3220, 1.8133, 25.1506
Hunter-Lab	50.9519, 14.6189, -0.0498

Details

The CIELCh color $58, 20.354, 349.954$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $66, 19.487, 165.125$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 20.455, 349.829$, and $38, 20.745, 348.952$ is the 20% darker color. If you saturate the color by 10%, you get $54, 28.428, 351.170$, and if you desaturate by 10%, it is $63, 12.303, 348.891$.

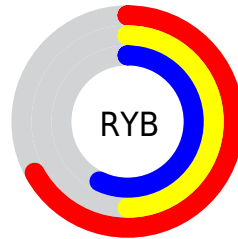
Distribution



Red (67%)

Green (50%)

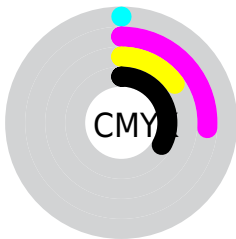
Blue (57%)



Red (67%)

Yellow (50%)

Blue (57%)

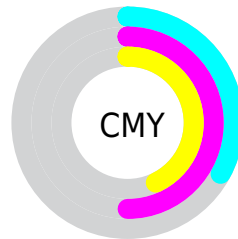


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (33%)



Cyan (33%)


Magenta (50%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 20.354, 349.954 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, 20.354, 349.954 by changing the saturation by 10% instead.


 58, 20.354,
349.954


 58, 20.354,
349.954


 100, 20.354,
349.954


 48, 20.354,
349.954


 78, 20.354,
349.954

 38, 20.354,
349.954

 88, 20.354,
349.954

 28, 20.354,
349.954

 98, 20.354,
349.954

 18, 20.354,
349.954

 8, 20.354, 349.954

 0, 20.354, 349.954

■ 58, 20.354,
349.954

■ 58, 20.354,
349.954

■ 54, 28.428,
351.170

■ 63, 12.303,
348.891

■ 50, 36.327,
352.588

■ 67, 4.413, 347.904

■ 72, 3.245, 167.274

■ 46, 43.755,
354.286

■ 77, 10.636,
166.435

■ 43, 50.341,
356.368

■ 82, 17.747,
165.730

■ 40, 55.693,
358.974

■ 87, 24.585,
165.091

■ 38, 59.513, 2.270

■ 92, 31.161,

■ 37, 61.794, 6.398

164.503

■ 36, 62.641, 8.274

■ 94, 32.589,
167.935

■ 94, 29.934,
175.912

Harmonies

Complementary

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



58, 20.354, 349.954



66, 19.487, 165.125

Rectangle

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



58, 20.354, 349.954



58, 20.354, 39.954



58, 20.354, 169.954



58, 20.354, 219.954

Sweetspot

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



58, 20.352, 349.956



84, 7.657, 348.147



57, 26.814, 312.495



44, 5.497, 348.291



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



58, 20.352, 349.956



71, 30.429, 350.643



58, 17.185, 26.650



34, 4.442, 348.261



32, 56.963, 7.708



2, 8.813, 352.445

Inverse Universe

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



58, 20.352, 349.956



71, 30.429, 350.643



66, 14.422, 204.746



34, 4.442, 348.261



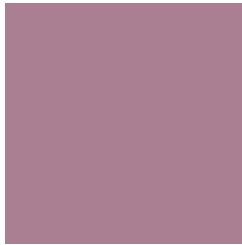
32, 56.963, 7.708



2, 8.813, 352.445

Previews

White Background



This preview shows how the CIELCh color 58, 20.354, 349.954 looks on a white background.

Color Contrast Check

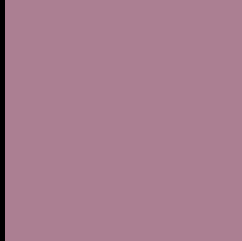
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.354, 349.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

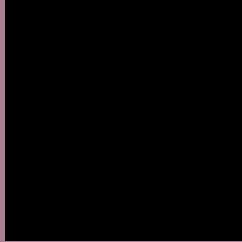
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 20.354, 349.954

Background



This preview shows how black text looks on a background with the CIELCh color 58, 20.354, 349.954.



This preview shows how white text looks on a background with the CIELCh color 58, 20.354, 349.954.

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, 20.354, 349.954

Protanopia

58, 7.963, 288.407

Deuteranopia

58, 8.474, 338.215



Tritanopia
58, 17.798, 2.973

Trichromacy



Original Color
58, 20.354, 349.954

Protanomaly
58, 10.346, 324.955

Deuteranomaly
58, 12.609, 345.016

Tritanomaly
58, 18.277, 357.852

Monochromacy



Original Color
58, 20.354, 349.954

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 7.170, 351.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 20.354, 349.954 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(171, 127, 146)` looks like.

```
.text, #text, p{  
    color:rgb(171, 127, 146)  
}
```

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(171, 127, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 127, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 20.354, 349.954 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(171, 127, 146) }
```

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

```
.border{ border-color:rgb(171, 127, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 127, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 127, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 127, 146);  
box-shadow:4px 4px 4px 4px rgb(171, 127,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 20.354, 349.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 127, 146) }
```

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

```
.background{ background-color: rgb(171,  
127, 146) }
```

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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