

Converting Colors

CIELCh(58, 16.921, 351.181)

Have a look what the booklet for
CIELCh(58, 16.921, 351.181)
contains.

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Color

CIELCh(58, 16.899, 351.202)

Conversions

Conversions Part 1

Format	Color
Hex	A68190
RGB	166, 129, 144
RGB Percent	65%, 51%, 56%
CMY	0.3476, 0.4928, 0.4339
CMYK	0.00, 0.22, 0.13, 0.35
HSL	336°, 17%, 58%
HSV	336°, 22%, 65%
XYZ	28.7574, 25.9610, 30.0201
YIQ	141.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

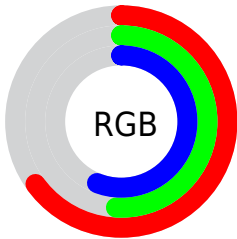
Format	Color
R _Y B	166, 129, 144
Decimal	10912144
CIE Lab	58.00, 16.70, -2.58
CIE LCh	58, 16.899, 351.202
Yxy	25.9610, 0.3394, 0.3064
Android (android.graphics.Color)	4289102224 (0xFFA68190)
YUV	141.7730, 1.0979, 21.2471
Hunter-Lab	50.9519, 11.5799, 0.7336

Details

The CIELCh color $58, 16.899, 351.202$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $65, 16.202, 167.054$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 16.846, 350.436$, and $38, 17.448, 350.602$ is the 20% darker color. If you saturate the color by 10%, you get $54, 24.712, 352.395$, and if you desaturate by 10%, it is $63, 9.180, 350.155$.

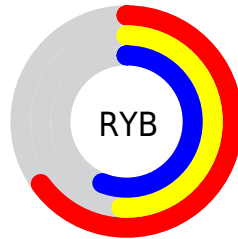
Distribution



Red (65%)

Green (51%)

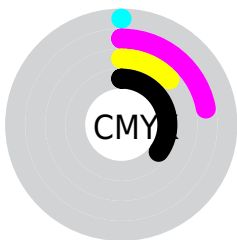
Blue (56%)



Red (65%)

Yellow (51%)

Blue (56%)

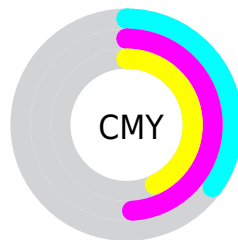


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (49%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 16.899, 351.202 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, 16.899, 351.202 by changing the saturation by 10% instead.


 58, 16.899,
351.202


 58, 16.899,
351.202


 100, 16.899,
351.202


 48, 16.899,
351.202


 78, 16.899,
351.202

 38, 16.899,
351.202

 88, 16.899,
351.202

 28, 16.899,
351.202

 98, 16.899,
351.202

 18, 16.899,
351.202

 8, 16.899, 351.202

 0, 16.899, 351.202

■ 58, 16.899,
351.202

■ 58, 16.899,
351.202

■ 54, 24.712,
352.395

■ 63, 9.180, 350.155

■ 49, 32.459,
353.781

■ 67, 1.662, 349.053

■ 72, 5.603, 168.534

■ 46, 39.891,
355.435

■ 77, 12.595,
167.756

■ 42, 46.677,
357.457

■ 82, 19.310,
167.070

■ 39, 52.444,
359.979

■ 86, 25.760,
166.446

■ 37, 56.862, 3.166

■ 91, 31.958,
165.872

■ 36, 59.803, 7.182

■ 35, 61.501, 10.708

■ 94, 33.934,
168.682

■ 94, 31.261,
176.516

Harmonies

Complementary

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



58, 16.899, 351.202



65, 16.202, 167.054

Rectangle

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



58, 16.899, 351.202



58, 16.899, 41.202



58, 16.899, 171.202



58, 16.899, 221.202

Sweetspot

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



58, 16.897, 351.205



83, 6.457, 349.644



57, 22.661, 312.881



44, 4.233, 349.700



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



58, 16.897, 351.205



71, 25.568, 351.808



58, 14.120, 27.845



33, 4.263, 349.860



31, 56.370, 10.157



2, 7.409, 352.663

Inverse Universe

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



58, 16.897, 351.205



71, 25.568, 351.808



65, 12.157, 206.572



33, 4.263, 349.860



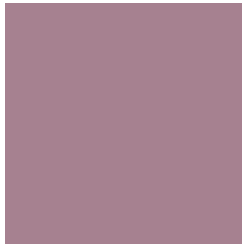
31, 56.370, 10.157



2, 7.409, 352.663

Previews

White Background



This preview shows how the CIELCh color 58, 16.899, 351.202 looks on a white background.

Color Contrast Check

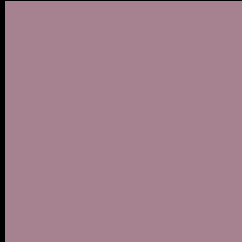
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.899, 351.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

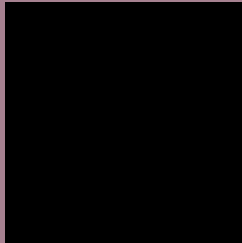
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 16.899, 351.202

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.899, 351.202.



This preview shows how white text looks on a background with the CIELCh color 58, 16.899, 351.202.

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, 16.899, 351.202

Protanopia
58, 6.257, 290.908

Deuteranopia
58, 7.774, 344.476



Tritanopia
58, 15.450, 359.713

Trichromacy



Original Color
58, 16.899, 351.202

Protanomaly
58, 9.205, 326.918

Deuteranomaly
58, 11.048, 349.754

Tritanomaly
58, 15.830, 355.844

Monochromacy



Original Color
58, 16.899, 351.202

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 6.484, 348.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.899, 351.202 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(166, 129, 144)` looks like.

```
.text, #text, p{  
    color:rgb(166, 129, 144)  
}
```

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(166, 129, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 129, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.899, 351.202 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(166, 129, 144) }
```

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

```
.border{ border-color:rgb(166, 129, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 129, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 129, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 129, 144);  
box-shadow:4px 4px 4px 4px rgb(166, 129,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.899, 351.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 129, 144) }
```

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

```
.background{ background-color: rgb(166,  
129, 144) }
```

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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