

Converting Colors

CIELCh(63, 17.249, 350.125)

Have a look what the booklet for
CIELCh(63, 17.249, 350.125)
contains.

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Color

CIELCh(63, 17.229, 350.114)

Conversions

Conversions Part 1

Format	Color
Hex	B48E9E
RGB	180, 142, 158
RGB Percent	71%, 56%, 62%
CMY	0.2935, 0.4425, 0.3798
CMYK	0.00, 0.21, 0.12, 0.29
HSL	335°, 20%, 63%
HSV	335°, 21%, 71%
XYZ	34.7393, 31.5869, 36.6825
YIQ	155.1860, 17.5120, 13.0320

Conversions

Conversions Part 2

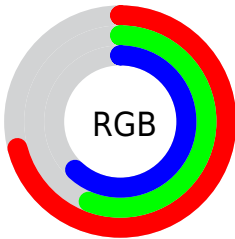
Format	Color
RYB	180, 142, 158
Decimal	11832990
CIELab	63.00, 16.97, -2.96
CIELCh	63, 17.229, 350.114
Yxy	31.5869, 0.3372, 0.3066
Android (android.graphics.Color)	4290023070 (0xFFB48E9E)
YUV	155.1860, 1.3873, 21.7619
Hunter-Lab	56.2022, 11.9793, 0.6437

Details

The CIELCh color `63, 17.229, 350.114` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `70, 16.594, 166.225`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 17.199, 349.462`, and `43, 17.080, 350.282` is the 20% darker color. If you saturate the color by 10%, you get `58, 25.617, 351.276`, and if you desaturate by 10%, it is `68, 8.944, 349.087`.

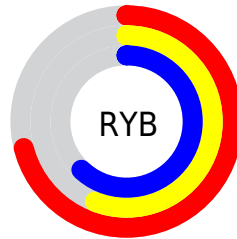
Distribution



Red (71%)

Green (56%)

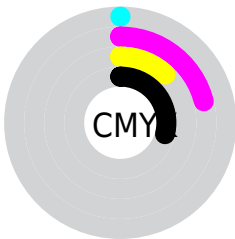
Blue (62%)



Red (71%)

Yellow (56%)

Blue (62%)

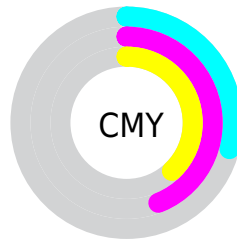


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (44%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 17.229, 350.114 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 63, 17.229, 350.114 by changing the saturation by 10% instead.


 63, 17.229,
350.114


 63, 17.229,
350.114


 100, 17.229,
350.114


 53, 17.229,
350.114


 83, 17.229,
350.114

 43, 17.229,
350.114

 93, 17.229,
350.114

 33, 17.229,
350.114

 23, 17.229,
350.114

 13, 17.229,
350.114

 3, 17.229, 350.114

 0, 17.229, 350.114

63, 17.229,
350.114

63, 17.229,
350.114

58, 25.617,
351.276

68, 8.944, 349.087

54, 33.940,
352.620

73, 0.874, 347.776

78, 6.928, 167.489

50, 41.932,
354.217

83, 14.438,
166.727

46, 49.239,
356.161

88, 21.656,
166.050

43, 55.451,
358.580

93, 28.592,
165.432

41, 60.199, 1.636

95, 28.129,
171.777

39, 63.311, 5.499

38, 65.141, 9.530

95, 25.695,
182.189

■ 95, 24.177,
194.283

Harmonies

Complementary

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



63, 17.229, 350.114



70, 16.594, 166.225

Rectangle

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



63, 17.229, 350.114



63, 17.229, 40.114



63, 17.229, 170.114



63, 17.229, 220.114

Sweetspot

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



63, 17.227, 350.117



89, 5.951, 348.590



62, 22.824, 312.281



47, 3.948, 348.655



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 17.227, 350.117



78, 25.416, 350.600



63, 14.437, 26.323



35, 4.519, 348.911



32, 57.707, 8.818



2, 10.182, 354.216

Inverse Universe

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



63, 17.227, 350.117



78, 25.416, 350.600



70, 12.531, 204.828



35, 4.519, 348.911



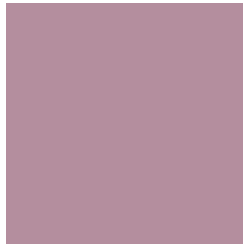
32, 57.707, 8.818



2, 10.182, 354.216

Previews

White Background



This preview shows how the CIELCh color 63, 17.229, 350.114 looks on a white background.

Color Contrast Check

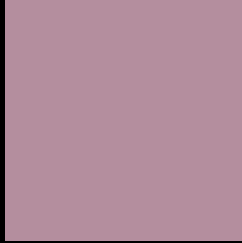
Large Text (above 18pt) WCAG AA × Fail

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 63, 17.229, 350.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

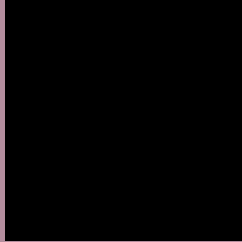
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 17.229, 350.114

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.229, 350.114.



This preview shows how white text looks on a background with the CIELCh color 63, 17.229, 350.114.

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

63, 17.229, 350.114

Protanopia

63, 6.715, 290.911

Deuteranopia

63, 8.287, 342.884



Tritanopia
63, 15.742, 358.212

Trichromacy



Original Color
63, 17.229, 350.114

Protanomaly
63, 9.514, 324.882

Deuteranomaly
63, 11.481, 348.288

Tritanomaly
63, 16.145, 354.517

Monochromacy



Original Color
63, 17.229, 350.114

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 6.380, 348.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.229, 350.114 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, 142, 158)` looks like.

```
.text, #text, p{  
    color:rgb(180, 142, 158)  
}
```

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, 142, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 142, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.229, 350.114 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, 142, 158) }
```

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

```
.border{ border-color:rgb(180, 142, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 142, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 142, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 142, 158);  
box-shadow:4px 4px 4px 4px rgb(180, 142,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.229, 350.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 142, 158) }
```

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

```
.background{ background-color: rgb(180,  
142, 158) }
```

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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