

Converting Colors

CIELCh(63, 16.652, 9.614)

Have a look what the booklet for
CIELCh(63, 16.652, 9.614) contains.

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Color

CIELCh(63, 16.674, 9.628)

Conversions

Conversions Part 1

Format	Color
Hex	B78E94
RGB	183, 142, 148
RGB Percent	72%, 56%, 58%
CMY	0.2820, 0.4428, 0.4193
CMYK	0.00, 0.22, 0.19, 0.28
HSL	351°, 22%, 64%
HSV	351°, 22%, 72%
XYZ	34.5839, 31.5869, 32.3232
YIQ	154.9430, 22.5100, 10.5580

Conversions

Conversions Part 2

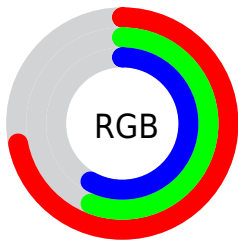
Format	Color
R _Y B	183, 142, 148
Decimal	12029588
CIE Lab	63.00, 16.44, 2.79
CIE LCh	63, 16.674, 9.628
Yxy	31.5869, 0.3511, 0.3207
Android (android.graphics.Color)	4290219668 (0xFFB78E94)
YUV	154.9430, -3.4229, 24.6060
Hunter-Lab	56.2022, 11.4855, 5.2425

Details

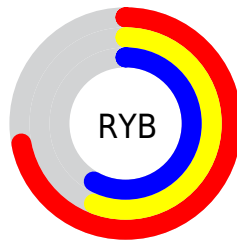
The CIELCh color **63, 16.674, 9.628** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 15.006, 185.572**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 16.422, 9.670**, and **43, 16.257, 11.193** is the 20% darker color. If you saturate the color by 10%, you get **58, 24.750, 10.985**, and if you desaturate by 10%, it is **68, 8.968, 8.504**.

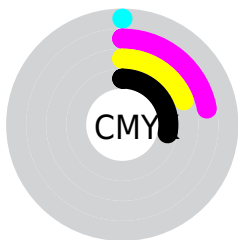
Distribution



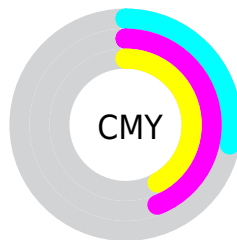
- Red (72%)
- Green (56%)
- Blue (58%)



- Red (72%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (19%)
- Black (28%)



- Cyan (28%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 16.674, 9.628 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, 16.674, 9.628 by changing the saturation by 10% instead.

 63, 16.674, 9.628  63, 16.674, 9.628

 100, 16.674, 9.628  53, 16.674, 9.628

 83, 16.674, 9.628  43, 16.674, 9.628

 93, 16.674, 9.628  33, 16.674, 9.628

 23, 16.674, 9.628

 13, 16.674, 9.628

 3, 16.674, 9.628

 0, 16.674, 9.628

 63, 16.674, 9.628  63, 16.674, 9.628

 58, 24.750, 10.985  68, 8.968, 8.504

54, 33.096, 12.652

73, 1.684, 7.344

49, 41.527, 14.741

78, 5.174, 186.946

46, 49.785, 17.386

84, 11.622,
186.216

43, 57.569, 20.723

89, 17.690,
185.610

40, 64.625, 24.828

39, 70.811, 29.585

94, 23.412,
185.080

38, 75.059, 33.151

96, 23.110,
197.993

Harmonies

Complementary

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



63, 16.674, 9.628



71, 15.006, 185.572

Rectangle

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



63, 16.674, 9.628



63, 16.674, 59.628



63, 16.674, 189.628



63, 16.674, 239.628

Sweetspot

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



63, 16.672, 9.633



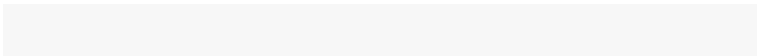
89, 6.154, 7.955



63, 26.255, 321.303



47, 4.038, 8.018



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



63, 16.672, 9.633



77, 25.142, 10.283



66, 13.464, 55.894



36, 4.072, 8.187



32, 66.081, 32.464



2, 10.788, 10.584

Inverse Universe

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



63, 16.672, 9.633



77, 25.142, 10.283



68, 12.013, 240.236



36, 4.072, 8.187



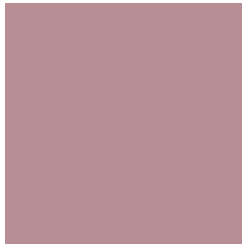
32, 66.081, 32.464



2, 10.788, 10.584

Previews

White Background



This preview shows how the CIELCh color 63, 16.674, 9.628 looks on a white background.

Color Contrast Check

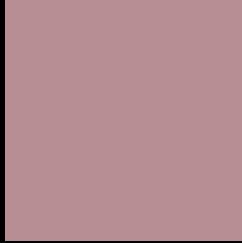
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 16.674, 9.628 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, 16.674, 9.628

Background



This preview shows how black text looks on a background with the CIELCh color 63, 16.674, 9.628.



This preview shows how white text looks on a background with the CIELCh color 63, 16.674, 9.628.

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, 16.674, 9.628

Protanopia

63, 1.620, 335.619

Deuteranopia

63, 8.749, 23.822



Tritanopia
63, 18.020, 1.524

Trichromacy



Original Color
63, 16.674, 9.628

Protanomaly
63, 7.008, 1.504

Deuteranomaly
63, 11.565, 17.764

Tritanomaly
63, 17.881, 3.228

Monochromacy



Original Color
63, 16.674, 9.628

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 5.964, 9.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 16.674, 9.628 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(183, 142, 148)` looks like.

```
.text, #text, p{  
    color:rgb(183, 142, 148)  
}
```

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(183, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 142, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 16.674, 9.628 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(183, 142, 148) }
```

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

```
.border{ border-color:rgb(183, 142, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(183, 142,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 16.674, 9.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 142, 148) }
```

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

```
.background{ background-color: rgb(183,  
142, 148) }
```

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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