

Converting Colors

CIELCh(58, 15.646, 10.763)

Have a look what the booklet for
CIELCh(58, 15.646, 10.763) contains.

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Color

CIELCh(58, 15.668, 10.778)

Conversions

Conversions Part 1

Format	Color
Hex	A88287
RGB	168, 130, 135
RGB Percent	66%, 51%, 53%
CMY	0.3420, 0.4909, 0.4713
CMYK	0.00, 0.23, 0.20, 0.34
HSL	352°, 18%, 58%
HSV	352°, 23%, 66%
XYZ	28.4224, 25.9610, 26.3640
YIQ	141.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

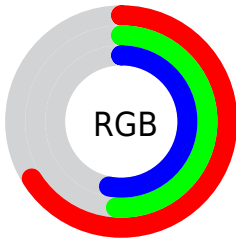
Format	Color
R_{YB}	168, 130, 135
Decimal	11043463
CIE _{Lab}	58.00, 15.39, 2.93
CIE _{LCh}	58, 15.668, 10.778
Yxy	25.9610, 0.3520, 0.3215
Android (android.graphics.Color)	4289233543 (0xFFA88287)
YUV	141.9320, -3.4175, 22.8616
Hunter-Lab	50.9519, 10.4063, 4.9879

Details

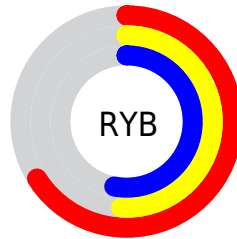
The CIELCh color $58, 15.668, 10.778$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $66, 14.034, 186.786$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 15.816, 11.068$, and $38, 15.767, 10.785$ is the 20% darker color. If you saturate the color by 10%, you get $53, 23.202, 12.118$, and if you desaturate by 10%, it is $63, 8.493, 9.673$.

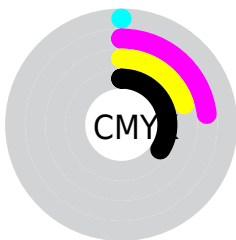
Distribution



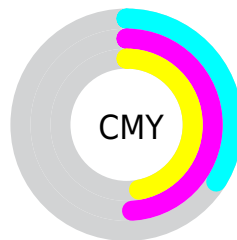
- Red (66%)
- Green (51%)
- Blue (53%)



- Red (66%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 15.668, 10.778 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, 15.668, 10.778 by changing the saturation by 10% instead.

■ 58, 15.668, 10.778

■ 58, 15.668, 10.778

■ 100, 15.668,
10.778

■ 48, 15.668, 10.778

■ 78, 15.668, 10.778

■ 38, 15.668, 10.778

■ 88, 15.668, 10.778

■ 28, 15.668, 10.778

■ 98, 15.668, 10.778

■ 18, 15.668, 10.778

■ 8, 15.668, 10.778

■ 0, 15.668, 10.778

■ 58, 15.668, 10.778

■ 58, 15.668, 10.778

■ 53, 23.202, 12.118

■ 63, 8.493, 9.673

■ 49, 31.007, 13.766

■ 68, 1.721, 8.553

45, 38.919, 15.837

72, 4.646, 188.157

42, 46.705, 18.457

77, 10.626,
187.442

39, 54.093, 21.755

82, 16.247,
186.854

37, 60.844, 25.797

35, 66.797, 30.442

87, 21.544,
186.342

35, 70.788, 33.721

92, 26.549,
185.889

95, 27.669,
193.820

95, 27.346,
197.732

Harmonies

Complementary

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



58, 15.668, 10.778



66, 14.034, 186.786

Rectangle

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



58, 15.668, 10.778



58, 15.668, 60.778



58, 15.668, 190.778



58, 15.668, 240.778

Sweetspot

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



58, 15.666, 10.783



83, 5.752, 9.111



59, 24.830, 321.804



44, 3.738, 9.169



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, 15.666, 10.783



72, 23.547, 11.399



61, 12.684, 57.804



33, 3.774, 9.332



30, 64.145, 33.168



1, 6.675, 10.076

Inverse Universe

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



58, 15.666, 10.783



72, 23.547, 11.399



62, 11.374, 242.444



33, 3.774, 9.332



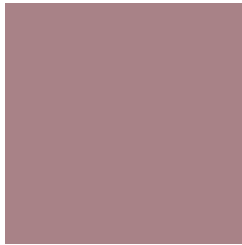
30, 64.145, 33.168



1, 6.675, 10.076

Previews

White Background



This preview shows how the CIELCh color 58, 15.668, 10.778 looks on a white background.

Color Contrast Check

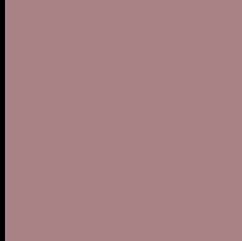
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.668, 10.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

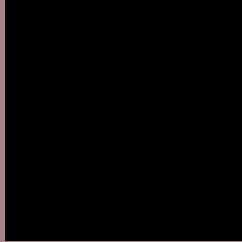
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 15.668, 10.778

Background



This preview shows how black text looks on a background with the CIELCh color 58, 15.668, 10.778.



This preview shows how white text looks on a background with the CIELCh color 58, 15.668, 10.778.

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, 15.668, 10.778

Protanopia

58, 1.313, 353.602

Deuteranopia

58, 8.091, 24.173



Tritanopia
58, 16.615, 1.442

Trichromacy



Original Color
58, 15.668, 10.778

Protanomaly
58, 6.076, 9.247

Deuteranomaly
58, 10.954, 17.578

Tritanomaly
58, 16.350, 5.231

Monochromacy



Original Color
58, 15.668, 10.778

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 5.191, 13.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 15.668, 10.778 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(168, 130, 135)` looks like.

```
.text, #text, p{  
    color:rgb(168, 130, 135)  
}
```

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(168, 130, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 130, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 15.668, 10.778 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(168, 130, 135) }
```

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

```
.border{ border-color:rgb(168, 130, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 130, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 130, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 130, 135);  
box-shadow:4px 4px 4px 4px rgb(168, 130,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 15.668, 10.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 130, 135) }
```

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

```
.background{ background-color: rgb(168,  
130, 135) }
```

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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