

Converting Colors

CIELCh(58, 15.999, 57.721)

Have a look what the booklet for
CIELCh(58, 15.999, 57.721) contains.

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Color

CIELCh(58, 16.123, 59.134)

Conversions

Conversions Part 1

Format	Color
Hex	A38674
RGB	163, 134, 116
RGB Percent	64%, 53%, 45%
CMY	0.3622, 0.4758, 0.5464
CMYK	0.00, 0.18, 0.29, 0.36
HSL	23°, 20%, 55%
HSV	23°, 29%, 64%
XYZ	26.6450, 25.9610, 20.0303
YIQ	140.6190, 23.0620, 0.5500

Conversions

Conversions Part 2

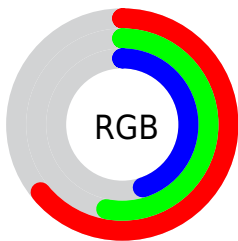
Format	Color
R_{YB}	163, 145, 116
Decimal	10716788
CIE _{Lab}	58.00, 8.27, 13.84
CIE _{LCh}	58, 16.123, 59.134
Yxy	25.9610, 0.3668, 0.3574
Android (android.graphics.Color)	4288906868 (0xFFA38674)
YUV	140.6190, -12.1372, 19.6281
Hunter-Lab	50.9519, 4.1797, 12.3582

Details

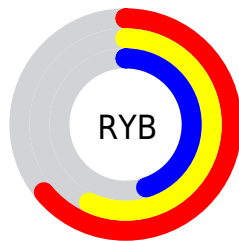
The CIELCh color **58, 16.123, 59.134** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **58, 14.081, 245.550**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 16.270, 58.388**, and **38, 15.885, 58.233** is the 20% darker color. If you saturate the color by 10%, you get **55, 22.440, 58.290**, and if you desaturate by 10%, it is **61, 10.200, 60.030**.

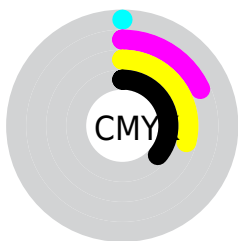
Distribution



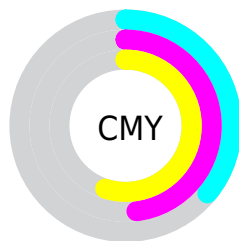
- Red (64%)
- Green (53%)
- Blue (45%)



- Red (64%)
- Yellow (57%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 16.123, 59.134 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, 16.123, 59.134 by changing the saturation by 10% instead.

 58, 16.123, 59.134

 58, 16.123, 59.134

 100, 16.123,
59.134

 48, 16.123, 59.134

 78, 16.123, 59.134

 38, 16.123, 59.134

 88, 16.123, 59.134

 28, 16.123, 59.134

 98, 16.123, 59.134

 18, 16.123, 59.134

 8, 16.123, 59.134

 0, 16.123, 59.134

 58, 16.123, 59.134

 58, 16.123, 59.134

 55, 22.440, 58.290

 61, 10.200, 60.030

 52, 29.160, 57.486

 64, 4.645, 60.916

49, 36.252, 56.730

67, 0.573, 242.630

47, 43.612, 55.990

70, 5.491, 242.971

44, 50.983, 55.170

74, 10.141,
243.885

42, 57.818, 54.040

77, 14.557,
244.805

40, 63.624, 52.517

40, 64.320, 52.417

80, 18.766,
245.710

83, 22.794,
246.592

86, 24.405,
240.596

Harmonies

Complementary

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



58, 16.123, 59.134



58, 14.081, 245.550

Rectangle

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



58, 16.123, 59.134



58, 16.123, 109.134



58, 16.123, 239.134



58, 16.123, 289.134

Sweetspot

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



58, 16.123, 59.142



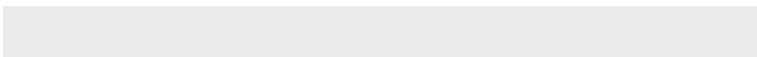
81, 5.838, 60.892



54, 24.913, 339.327



43, 4.108, 60.771



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 16.123, 59.142



72, 24.762, 58.560



64, 22.601, 101.025



33, 2.971, 60.883



36, 59.046, 52.787



2, 4.479, 57.390

Inverse Universe

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



58, 14.081, 245.550



72, 20.848, 246.762



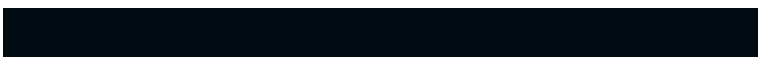
52, 23.687, 287.897



33, 2.860, 242.884



37, 36.939, 268.880



3, 4.615, 248.645

Previews

White Background



This preview shows how the CIELCh color 58, 16.123, 59.134 looks on a white background.

Color Contrast Check

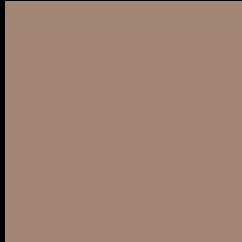
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.123, 59.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

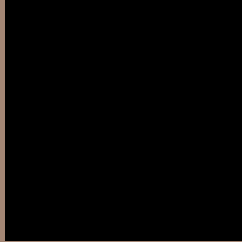
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 16.123, 59.134

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.123, 59.134.



This preview shows how white text looks on a background with the CIELCh color 58, 16.123, 59.134.

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, 16.123, 59.134

Protanopia

58, 12.333, 93.098

Deuteranopia

58, 15.453, 61.125



Tritanopia
58, 15.073, 359.090

Trichromacy



Original Color
58, 16.123, 59.134

Protanomaly
58, 13.205, 78.222

Deuteranomaly
58, 15.785, 60.108

Tritanomaly
58, 13.518, 20.809

Monochromacy



Original Color
58, 16.123, 59.134

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 5.649, 64.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.123, 59.134 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(163, 134, 116)` looks like.

```
.text, #text, p{  
    color:rgb(163, 134, 116)  
}
```

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(163, 134, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 134, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.123, 59.134 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(163, 134, 116) }
```

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

```
.border{ border-color:rgb(163, 134, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 134, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 134, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 134, 116);  
box-shadow:4px 4px 4px 4px rgb(163, 134,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.123, 59.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 134, 116) }
```

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

```
.background{ background-color: rgb(163,  
134, 116) }
```

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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