

Converting Colors

CIELCh(58, 16.184, 38.806)

Have a look what the booklet for
CIELCh(58, 16.184, 38.806) contains.

CIELCh(58, 16.460, 38.745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 16.460, 38.745)

Conversions

Conversions Part 1

Format	Color
Hex	A8837A
RGB	168, 131, 122
RGB Percent	66%, 51%, 48%
CMY	0.3412, 0.4863, 0.5216
CMYK	0.00, 0.22, 0.27, 0.34
HSL	12°, 21%, 57%
HSV	12°, 27%, 66%
XYZ	27.7761, 25.9610, 21.9580
YIQ	141.0370, 24.9410, 5.0450

Conversions

Conversions Part 2

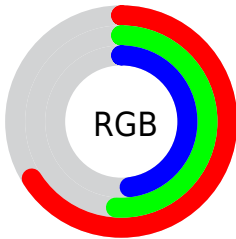
Format	Color
R_{YB}	168, 133, 122
Decimal	11043706
CIE _{Lab}	58.00, 12.84, 10.30
CIE _{LCh}	58, 16.460, 38.745
Yxy	25.9610, 0.3669, 0.3430
Android (android.graphics.Color)	4289233786 (0xFFA8837A)
YUV	141.0370, -9.3852, 23.6466
Hunter-Lab	50.9519, 8.1421, 10.1150

Details

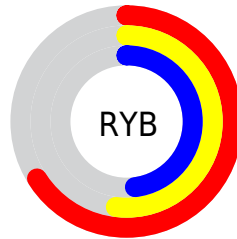
The CIELCh color $58, 16.460, 38.745$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $63, 13.689, 220.099$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 16.594, 39.166$, and $38, 16.683, 38.377$ is the 20% darker color. If you saturate the color by 10%, you get $54, 23.413, 38.937$, and if you desaturate by 10%, it is $62, 10.027, 38.711$.

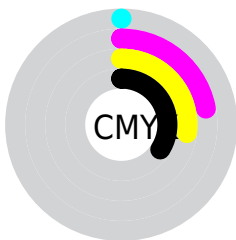
Distribution



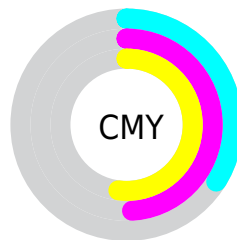
- Red (66%)
- Green (51%)
- Blue (48%)



- Red (66%)
- Yellow (52%)
- Blue (48%)



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 16.460, 38.745 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, 16.460, 38.745 by changing the saturation by 10% instead.

■ 58, 16.460, 38.745

■ 58, 16.460, 38.745

■ 100, 16.460,
38.745

■ 48, 16.460, 38.745

■ 78, 16.460, 38.745

■ 38, 16.460, 38.745

■ 88, 16.460, 38.745

■ 28, 16.460, 38.745

■ 98, 16.460, 38.745

■ 18, 16.460, 38.745

■ 8, 16.460, 38.745

■ 0, 16.460, 38.745

■ 58, 16.460, 38.745

■ 58, 16.460, 38.745

■ 54, 23.413, 38.937

■ 62, 10.027, 38.711

■ 51, 30.897, 39.309

■ 66, 4.089, 38.739

47, 38.878, 39.902

70, 1.397, 219.384

44, 47.251, 40.727

74, 6.477, 219.369

41, 55.777, 41.729

78, 11.194,
219.639

39, 63.919, 42.679

82, 15.593,
219.961

37, 70.762, 43.207

37, 72.556, 43.542

86, 19.712,
220.310

90, 23.414,
218.914

94, 26.517,
200.473

Harmonies

Complementary

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



58, 16.460, 38.745



63, 13.689, 220.099

Rectangle

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



58, 16.460, 38.745



58, 16.460, 88.745



58, 16.460, 218.745



58, 16.460, 268.745

Sweetspot

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



58, 16.459, 38.753



84, 5.522, 38.739



57, 27.510, 331.641



43, 3.941, 38.736



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, 16.459, 38.753



71, 25.279, 38.848



64, 18.487, 89.010



34, 3.164, 38.737



32, 65.596, 43.582



2, 5.676, 35.879

Inverse Universe

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



63, 13.689, 220.099



79, 20.030, 220.531



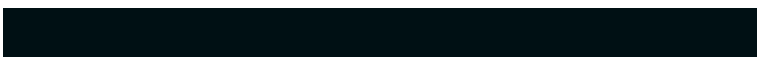
57, 18.475, 276.458



35, 2.989, 219.319



46, 29.172, 233.894



4, 5.438, 226.174

Previews

White Background



This preview shows how the CIELCh color 58, 16.460, 38.745 looks on a white background.

Color Contrast Check

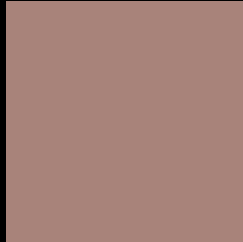
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 58, 16.460, 38.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

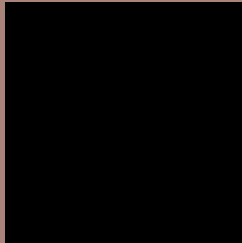
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 16.460, 38.745

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.460, 38.745.



This preview shows how white text looks on a background with the CIELCh color 58, 16.460, 38.745.

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, 16.460, 38.745

Protanopia

58, 7.745, 90.906

Deuteranopia

58, 13.226, 53.859



Tritanopia
58, 17.256, 4.273

Trichromacy



Original Color
58, 16.460, 38.745

Protanomaly
58, 9.399, 61.225

Deuteranomaly
58, 14.407, 48.404

Tritanomaly
58, 16.011, 17.099

Monochromacy



Original Color
58, 16.460, 38.745

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 5.874, 36.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.460, 38.745 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, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(168, 131, 122)  
}
```

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, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 131, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.460, 38.745 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, 131, 122) }
```

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

```
.border{ border-color:rgb(168, 131, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 131, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 131, 122);  
box-shadow:4px 4px 4px 4px rgb(168, 131,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.460, 38.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 131, 122) }
```

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

```
.background{ background-color: rgb(168,  
131, 122) }
```

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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