

Converting Colors

CIELCh(58, 16.652, 80.958)

Have a look what the booklet for
CIELCh(58, 16.652, 80.958) contains.

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Color

CIELCh(58, 16.652, 80.958)

Conversions

Conversions Part 1

Format	Color
Hex	9B896F
RGB	155, 137, 111
RGB Percent	61%, 54%, 44%
CMY	0.3926, 0.4632, 0.5651
CMYK	0.00, 0.12, 0.28, 0.39
HSL	35°, 18%, 52%
HSV	35°, 28%, 61%
XYZ	25.2875, 25.9610, 18.6851
YIQ	139.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

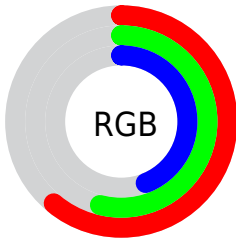
Format	Color
R_{YB}	141, 155, 111
Decimal	10193263
CIE _{Lab}	58.00, 2.62, 16.45
CIE _{LCh}	58, 16.652, 80.958
Yxy	25.9610, 0.3616, 0.3712
Android (android.graphics.Color)	4288383343 (0xFF9B896F)
YUV	139.4180, -14.0101, 13.6654
Hunter-Lab	50.9519, -0.5761, 13.9235

Details

The CIELCh color $58, 16.652, 80.958$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $53, 16.080, 268.927$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.461, 80.131$, and $38, 16.614, 80.609$ is the 20% darker color. If you saturate the color by 10%, you get $56, 22.857, 79.631$, and if you desaturate by 10%, it is $60, 10.622, 82.262$.

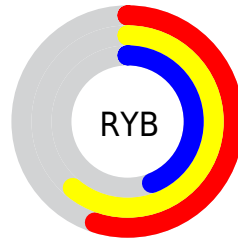
Distribution



Red (61%)

Green (54%)

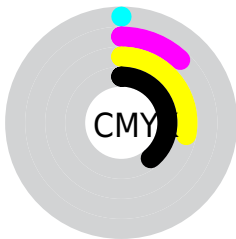
Blue (44%)



Red (55%)

Yellow (61%)

Blue (44%)

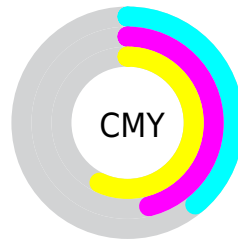


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 16.652, 80.958 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, 16.652, 80.958 by changing the saturation by 10% instead.

■ 58, 16.652, 80.958

■ 58, 16.652, 80.958

■ 100, 16.652,
80.958

■ 48, 16.652, 80.958

■ 78, 16.652, 80.958

■ 38, 16.652, 80.958

■ 88, 16.652, 80.958

■ 28, 16.652, 80.958

■ 98, 16.652, 80.958

■ 18, 16.652, 80.958

■ 8, 16.652, 80.958

■ 0, 16.652, 80.958

■ 58, 16.652, 80.958

■ 58, 16.652, 80.958

■ 56, 22.857, 79.631

■ 60, 10.622, 82.262

■ 54, 29.203, 78.260

■ 62, 4.772, 83.503

■ 52, 35.612, 76.843

■ 64, 0.901, 265.057

■ 50, 41.921, 75.346

■ 66, 6.409, 266.009

■ 49, 47.817, 73.694

■ 69, 11.767,
267.131

■ 47, 52.774, 71.739

■ 71, 16.986,
268.215

■ 45, 56.468, 69.406

■ 45, 57.094, 69.070

■ 73, 22.083,
269.252

■ 75, 27.068,
270.241

■ 78, 31.953,
271.180

Harmonies

Complementary

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



58, 16.652, 80.958



53, 16.080, 268.927

Rectangle

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



58, 16.652, 80.958



58, 16.652, 130.958



58, 16.652, 260.958



58, 16.652, 310.958

Sweetspot

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



58, 16.653, 80.965



79, 6.340, 83.411



52, 20.595, 351.179



42, 4.451, 83.245



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 16.653, 80.965



72, 24.932, 80.134



63, 24.326, 111.123



31, 3.182, 83.406



41, 53.073, 69.390



2, 3.373, 83.656

Inverse Universe

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



53, 16.080, 268.927



66, 23.875, 270.166



49, 25.982, 296.314



30, 3.155, 265.836



26, 53.821, 290.819



1, 3.427, 265.228

Previews

White Background



This preview shows how the CIELCh color 58, 16.652, 80.958 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, 16.652, 80.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

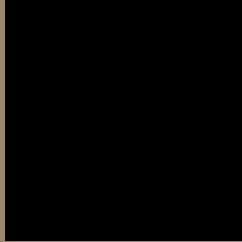
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 16.652, 80.958

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.652, 80.958.



This preview shows how white text looks on a background with the CIELCh color 58, 16.652, 80.958.

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, 16.652, 80.958

Protanopia

58, 15.723, 94.368

Deuteranopia

58, 17.883, 66.377



Tritanopia
58, 12.362, 350.500

Trichromacy



Original Color
58, 16.652, 80.958

Protanomaly
58, 15.723, 87.904

Deuteranomaly
58, 17.158, 71.744

Tritanomaly
58, 9.944, 30.129

Monochromacy



Original Color
58, 16.652, 80.958

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 5.822, 80.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.652, 80.958 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(155, 137, 111)` looks like.

```
.text, #text, p{  
    color:rgb(155, 137, 111)  
}
```

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(155, 137, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 137, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.652, 80.958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

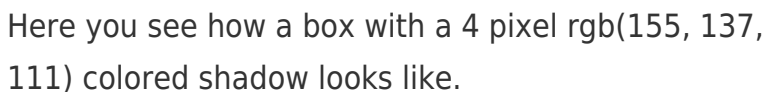
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 137, 111) }
```

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

```
.border{ border-color:rgb(155, 137, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 137, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 137, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 137, 111); box-shadow:4px 4px 4px 4px rgb(155, 137, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.652, 80.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 137, 111) }
```

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

```
.background{ background-color: rgb(155,  
137, 111) }
```

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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