

Converting Colors

CIELCh(58, 31.593, 90.038)

Have a look what the booklet for
CIELCh(58, 31.593, 90.038) contains.

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Color

CIELCh(58, 31.593, 90.038)

Conversions

Conversions Part 1

Format	Color
Hex	9E8A54
RGB	158, 138, 84
RGB Percent	62%, 54%, 33%
CMY	0.3817, 0.4600, 0.6717
CMYK	0.00, 0.13, 0.47, 0.38
HSL	44°, 31%, 47%
HSV	44°, 47%, 62%
XYZ	24.6703, 25.9610, 12.0390
YIQ	137.8240, 29.2540, -12.5540

Conversions

Conversions Part 2

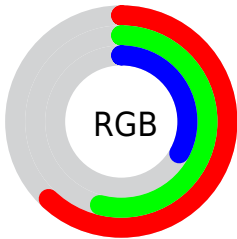
Format	Color
RYB	111, 158, 84
Decimal	10390100
CIELab	58.00, -0.02, 31.59
CIELCh	58, 31.593, 90.038
Yxy	25.9610, 0.3937, 0.4142
Android (android.graphics.Color)	4288580180 (0xFF9E8A54)
YUV	137.8240, -26.5352, 17.6944
Hunter-Lab	50.9519, -2.7384, 21.6572

Details

The CIELCh color **58, 31.593, 90.038** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **44, 32.560, 283.664**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 31.252, 89.664**, and **38, 31.508, 89.499** is the 20% darker color. If you saturate the color by 10%, you get **57, 38.252, 88.706**, and if you desaturate by 10%, it is **59, 24.802, 91.343**.

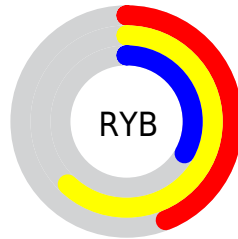
Distribution



Red (62%)

Green (54%)

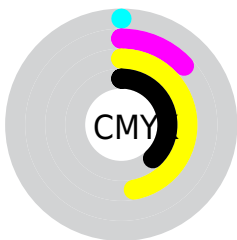
Blue (33%)



Red (44%)

Yellow (62%)

Blue (33%)

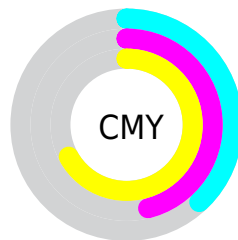


Cyan (0%)

Magenta (13%)

Yellow (47%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 31.593, 90.038 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, 31.593, 90.038 by changing the saturation by 10% instead.

■ 58, 31.593, 90.038

■ 58, 31.593, 90.038

■ 100, 31.593,
90.038

■ 48, 31.593, 90.038

■ 78, 31.593, 90.038

■ 38, 31.593, 90.038

■ 88, 31.593, 90.038

■ 28, 31.593, 90.038

■ 98, 31.593, 90.038

■ 18, 31.593, 90.038

■ 8, 31.593, 90.038

■ 0, 31.593, 90.038

■ 58, 31.593, 90.038

■ 58, 31.593, 90.038

■ 57, 38.252, 88.706

■ 59, 24.802, 91.343

■ 55, 44.569, 87.324

■ 61, 17.995, 92.611

■ 54, 50.200, 85.863

■ 62, 11.235, 93.842

■ 53, 54.632, 84.258

■ 64, 4.554, 95.018

■ 52, 57.439, 82.426

■ 65, 2.034, 276.292

■ 51, 58.249, 81.867

■ 67, 8.525, 277.338

■ 69, 14.919,
278.391

■ 70, 21.221,
279.400

■ 72, 27.435,
280.359

Harmonies

Complementary

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



58, 31.593, 90.038



44, 32.560, 283.664

Rectangle

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



58, 31.593, 90.038



58, 31.593, 140.038



58, 31.593, 270.038



58, 31.593, 320.038

Sweetspot

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



58, 31.594, 90.042



79, 11.452, 94.160



45, 33.083, 3.097



41, 7.900, 93.918



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, 31.594, 90.042



72, 46.425, 88.686



62, 40.570, 115.635



33, 3.743, 94.750



47, 54.209, 82.075



3, 4.702, 93.283

Inverse Universe

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



44, 32.560, 283.664



52, 48.601, 286.186



40, 45.297, 302.739



31, 3.765, 277.018



22, 68.320, 299.079



1, 4.958, 276.817

Previews

White Background



This preview shows how the CIELCh color 58, 31.593, 90.038 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, 31.593, 90.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

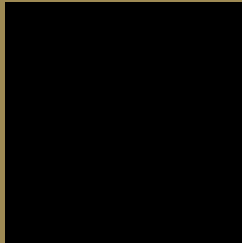
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 31.593, 90.038

Background



This preview shows how black text looks on a background with the CIELCh color 58, 31.593, 90.038.



This preview shows how white text looks on a background with the CIELCh color 58, 31.593, 90.038.

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, 31.593, 90.038

Protanopia

58, 31.675, 96.724

Deuteranopia

58, 31.942, 76.214



Tritanopia
58, 13.935, 357.028

Trichromacy



Original Color
58, 31.593, 90.038

Protanomaly
58, 31.465, 94.187

Deuteranomaly
58, 31.439, 81.272

Tritanomaly
58, 13.976, 51.942

Monochromacy



Original Color
58, 31.593, 90.038

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.692, 94.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 31.593, 90.038 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(158, 138, 84)` looks like.

```
.text, #text, p{  
    color:rgb(158, 138, 84)  
}
```

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(158, 138, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 138, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 31.593, 90.038 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(158, 138, 84) }
```

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

```
.border{ border-color:rgb(158, 138, 84) }
```

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

Here you see how a box with a 4 pixel rgb(158, 138, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 138, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 138, 84);  
box-shadow:4px 4px 4px 4px rgb(158, 138,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 31.593, 90.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 138, 84) }
```

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

```
.background{ background-color: rgb(158,  
138, 84) }
```

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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