

Converting Colors

CIELCh(58, 8.269, 81.088)

Have a look what the booklet for
CIELCh(58, 8.269, 81.088) contains.

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Color

CIELCh(58, 8.425, 80.182)

Conversions

Conversions Part 1

Format	Color
Hex	948A7D
RGB	148, 138, 125
RGB Percent	58%, 54%, 49%
CMY	0.4195, 0.4587, 0.5097
CMYK	0.00, 0.07, 0.16, 0.42
HSL	34°, 10%, 54%
HSV	34°, 16%, 58%
XYZ	25.0101, 25.9610, 23.1006
YIQ	139.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

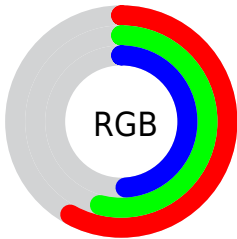
Format	Color
R_{YB}	143, 148, 125
Decimal	9734781
CIE Lab	58.00, 1.44, 8.30
CIE LCh	58, 8.425, 80.182
Yxy	25.9610, 0.3376, 0.3505
Android (android.graphics.Color)	4287924861 (0xFF948A7D)
YUV	139.5080, -7.1524, 7.4475
Hunter-Lab	50.9519, -1.5481, 8.7854

Details

The CIELCh color $58, 8.425, 80.182$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $56, 8.234, 264.297$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 8.099, 78.265$, and $38, 8.412, 80.129$ is the 20% darker color. If you saturate the color by 10%, you get $56, 14.095, 78.925$, and if you desaturate by 10%, it is $60, 2.948, 81.388$.

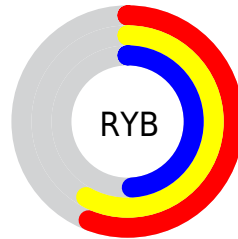
Distribution



Red (58%)

Green (54%)

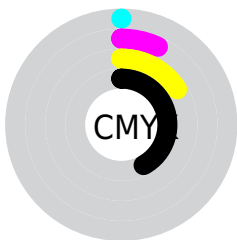
Blue (49%)



Red (56%)

Yellow (58%)

Blue (49%)

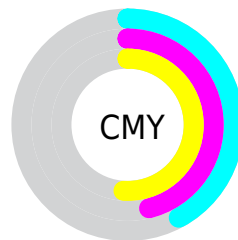


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (42%)



Cyan (42%)

Magenta (46%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 8.425, 80.182 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, 8.425, 80.182 by changing the saturation by 10% instead.

 58, 8.425, 80.182  58, 8.425, 80.182

 100, 8.425, 80.182  48, 8.425, 80.182

 78, 8.425, 80.182  38, 8.425, 80.182

 88, 8.425, 80.182  28, 8.425, 80.182

 98, 8.425, 80.182  18, 8.425, 80.182

 8, 8.425, 80.182

 0, 8.425, 80.182

 58, 8.425, 80.182  58, 8.425, 80.182

 56, 14.095, 78.925  60, 2.948, 81.388

 54, 19.959, 77.619  62, 2.347, 262.793

■ 52, 26.001, 76.283

■ 64, 7.474, 263.888

■ 50, 32.169, 74.909

■ 67, 12.450,
264.999

■ 48, 38.346, 73.473

■ 69, 17.289,
266.071

■ 46, 44.298, 71.912

■ 44, 49.596, 70.099

■ 71, 22.005,
267.097

■ 43, 53.677, 67.842

■ 73, 26.612,
268.076

■ 42, 55.490, 66.907

■ 76, 31.120,
269.006

■ 78, 34.015,
268.412

Harmonies

Complementary

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



58, 8.425, 80.182



56, 8.234, 264.297

Rectangle

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



58, 8.425, 80.182



58, 8.425, 130.182



58, 8.425, 260.182



58, 8.425, 310.182

Sweetspot

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



58, 8.426, 80.195



76, 3.277, 81.434



55, 10.924, 347.770



40, 2.256, 81.366



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 8.426, 80.195



72, 12.783, 79.712



61, 12.881, 110.804



30, 3.026, 80.969



39, 52.612, 67.157



2, 2.615, 82.144

Inverse Universe

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



56, 8.234, 264.297



69, 12.408, 264.899



53, 13.333, 293.642



29, 2.991, 263.392



27, 50.576, 288.764



1, 2.616, 262.154

Previews

White Background



This preview shows how the CIELCh color 58, 8.425, 80.182 looks on a white background.

Color Contrast Check

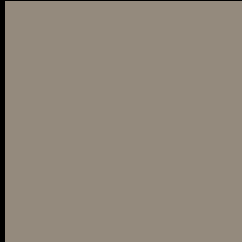
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.425, 80.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

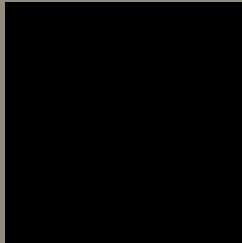
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

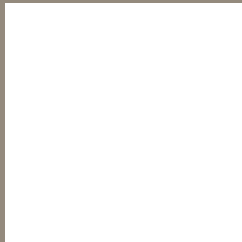
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 8.425, 80.182

Background



This preview shows how black text looks on a background with the CIELCh color 58, 8.425, 80.182.

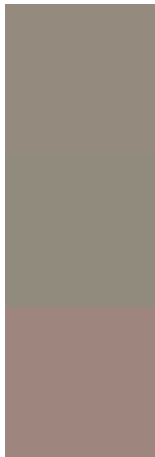


This preview shows how white text looks on a background with the CIELCh color 58, 8.425, 80.182.

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, 8.425, 80.182

Protanopia

58, 7.745, 90.906

Deuteranopia

58, 10.937, 44.614



Tritanopia
58, 8.858, 335.480

Trichromacy



Original Color
58, 8.425, 80.182

Protanomaly
58, 7.884, 88.070

Deuteranomaly
58, 9.360, 52.894

Tritanomaly
58, 5.681, 8.438

Monochromacy



Original Color
58, 8.425, 80.182

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 2.753, 74.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 8.425, 80.182 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(148, 138, 125)` looks like.

```
.text, #text, p{  
    color:rgb(148, 138, 125)  
}
```

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(148, 138, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 138, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 8.425, 80.182 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(148, 138, 125) }
```

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

```
.border{ border-color:rgb(148, 138, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 138, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 138, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 138, 125);  
box-shadow:4px 4px 4px 4px rgb(148, 138,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 8.425, 80.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 138, 125) }
```

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

```
.background{ background-color: rgb(148,  
138, 125) }
```

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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