

Converting Colors

CIELCh(58, 10.397, 115.814)

Have a look what the booklet for
CIELCh(58, 10.397, 115.814)
contains.

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Color

CIELCh(58, 10.254, 115.816)

Conversions

Conversions Part 1

Format	Color
Hex	8A8D7B
RGB	138, 141, 123
RGB Percent	54%, 55%, 48%
CMY	0.4581, 0.4463, 0.5169
CMYK	0.02, 0.00, 0.13, 0.45
HSL	70°, 7%, 52%
HSV	70°, 13%, 55%
XYZ	23.6532, 25.9610, 22.5651
YIQ	138.0510, 3.9900, -6.2340

Conversions

Conversions Part 2

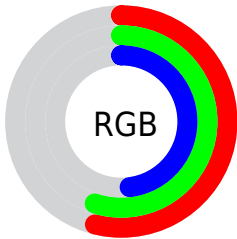
Format	Color
R_{YB}	123, 141, 126
Decimal	9080187
CIE _{Lab}	58.00, -4.47, 9.23
CIE _{LCh}	58, 10.254, 115.816
Yxy	25.9610, 0.3277, 0.3597
Android (android.graphics.Color)	4287270267 (0xFF8A8D7B)
YUV	138.0510, -7.4201, -0.0447
Hunter-Lab	50.9519, -6.3014, 9.4086

Details

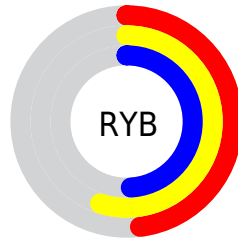
The CIELCh color **58, 10.254, 115.816** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **53, 10.536, 297.670**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 10.772, 117.306**, and **38, 10.466, 115.860** is the 20% darker color. If you saturate the color by 10%, you get **57, 18.242, 115.112**, and if you desaturate by 10%, it is **59, 2.211, 116.521**.

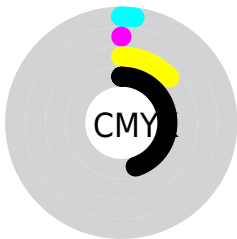
Distribution



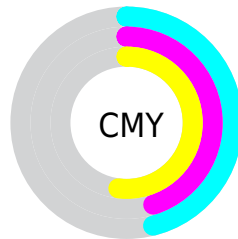
- Red (54%)
- Green (55%)
- Blue (48%)



- Red (48%)
- Yellow (55%)
- Blue (49%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (45%)





- Cyan (46%)
- Magenta (45%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 10.254, 115.816 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, 10.254, 115.816 by changing the saturation by 10% instead.


 58, 10.254,
115.816


 58, 10.254,
115.816


 100, 10.254,
115.816


 48, 10.254,
115.816


 78, 10.254,
115.816

 38, 10.254,
115.816

 88, 10.254,
115.816

 28, 10.254,
115.816

 98, 10.254,
115.816

 18, 10.254,
115.816

 8, 10.254, 115.816

 0, 10.254, 115.816

■ 58, 10.254,
115.816

■ 58, 10.254,
115.816

■ 57, 18.242,
115.112

■ 59, 2.211, 116.521

■ 57, 26.109,
114.407

■ 59, 5.849, 297.200

■ 57, 33.766,
113.729

■ 60, 13.895,
297.850

■ 56, 41.075,
113.112

■ 60, 21.907,
298.468

■ 56, 47.834,
112.602

■ 61, 29.867,
299.052

■ 56, 53.760,
112.259

■ 62, 37.763,
299.600

■ 55, 58.506,
112.161

■ 63, 45.587,
300.113

■ 55, 61.750,

■ 64, 53.330,
300.592

112.382

■ 65, 60.987,
301.037

■ 55, 63.538,
112.651

Harmonies

Complementary

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



58, 10.254, 115.816



53, 10.536, 297.670

Rectangle

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



58, 10.254, 115.816



58, 10.254, 165.816



58, 10.254, 295.816



58, 10.254, 345.816

Sweetspot

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



58, 10.255, 115.822



74, 3.985, 116.429



54, 6.375, 35.598



39, 2.823, 116.381



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



58, 10.255, 115.822



74, 14.937, 115.640



57, 11.329, 134.148



30, 4.584, 116.073



53, 61.542, 112.613



2, 3.109, 116.709

Inverse Universe

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



53, 10.536, 297.670



66, 15.428, 297.885



53, 11.454, 315.175



28, 4.677, 297.383



15, 82.355, 307.158



0, 3.110, 296.709

Previews

White Background



This preview shows how the CIELCh color 58, 10.254, 115.816 looks on a white background.

Color Contrast Check

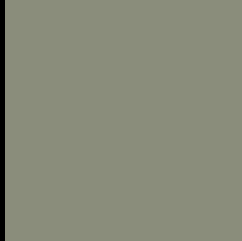
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.254, 115.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

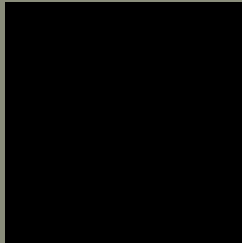
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

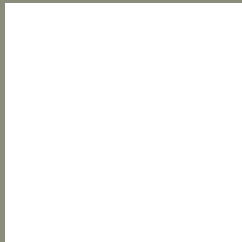
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 10.254, 115.816

Background



This preview shows how black text looks on a background with the CIELCh color 58, 10.254, 115.816.



This preview shows how white text looks on a background with the CIELCh color 58, 10.254, 115.816.

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, 10.254, 115.816

Protanopia
58, 10.037, 92.339

Deuteranopia
58, 11.213, 47.146



Tritanopia
58, 5.915, 305.817

Trichromacy



Original Color
58, 10.254, 115.816

Protanomaly
58, 10.245, 102.074

Deuteranomaly
58, 9.370, 71.263

Tritanomaly
58, 0.784, 18.946

Monochromacy



Original Color
58, 10.254, 115.816

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 3.427, 116.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 10.254, 115.816 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(138, 141, 123)` looks like.

```
.text, #text, p{  
    color:rgb(138, 141, 123)  
}
```

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(138, 141, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 141, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 10.254, 115.816 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(138, 141, 123) }
```

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

```
.border{ border-color:rgb(138, 141, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 141, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 141, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 141, 123);  
box-shadow:4px 4px 4px 4px rgb(138, 141,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 10.254, 115.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 141, 123) }
```

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

```
.background{ background-color: rgb(138,  
141, 123) }
```

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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