

Converting Colors

CIELCh(58, 9.720, 125.458)

Have a look what the booklet for
CIELCh(58, 9.720, 125.458) contains.

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Color

CIELCh(58, 10.037, 125.371)

Conversions

Conversions Part 1

Format	Color
Hex	878E7D
RGB	135, 142, 125
RGB Percent	53%, 56%, 49%
CMY	0.4707, 0.4433, 0.5100
CMYK	0.05, 0.00, 0.12, 0.44
HSL	85°, 7%, 52%
HSV	85°, 12%, 56%
XYZ	23.3511, 25.9610, 23.1688
YIQ	137.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

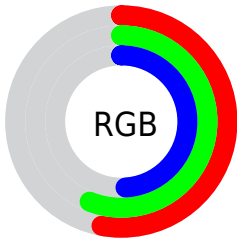
Format	Color
R_{YB}	125, 142, 132
Decimal	8883837
CIE _{Lab}	58.00, -5.81, 8.18
CIE _{LCh}	58, 10.037, 125.371
Yxy	25.9610, 0.3222, 0.3582
Android (android.graphics.Color)	4287073917 (0xFF878E7D)
YUV	137.9690, -6.3937, -2.6038
Hunter-Lab	50.9519, -7.3597, 8.7061

Details

The CIELCh color $58, 10.037, 125.371$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 10.233, 306.510$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 10.078, 126.690$, and $38, 10.262, 126.094$ is the 20% darker color. If you saturate the color by 10%, you get $57, 18.409, 124.879$, and if you desaturate by 10%, it is $59, 1.649, 125.883$.

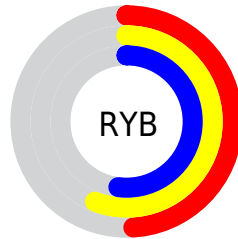
Distribution



Red (53%)

Green (56%)

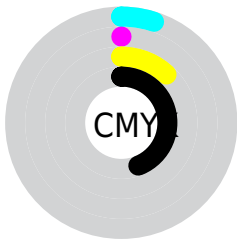
Blue (49%)



Red (49%)

Yellow (56%)

Blue (52%)

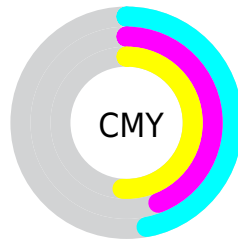


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (44%)



Cyan (47%)


Magenta (44%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 10.037, 125.371 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, 10.037, 125.371 by changing the saturation by 10% instead.


 58, 10.037,
125.371


 58, 10.037,
125.371


 100, 10.037,
125.371


 48, 10.037,
125.371


 78, 10.037,
125.371

 38, 10.037,
125.371

 88, 10.037,
125.371

 28, 10.037,
125.371

 98, 10.037,
125.371

 18, 10.037,
125.371

 8, 10.037, 125.371

 0, 10.037, 125.371

■ 58, 10.037,
125.371

■ 58, 10.037,
125.371

■ 57, 18.409,
124.879

■ 59, 1.649, 125.883

■ 57, 26.697,
124.380

■ 60, 6.715, 306.277

■ 56, 34.808,
123.901

■ 61, 15.019,
306.698

■ 55, 42.611,
123.476

■ 62, 23.241,
307.082

■ 55, 49.910,
123.165

■ 63, 31.362,
307.432

■ 54, 56.436,
123.049

■ 64, 39.372,
307.751

■ 54, 61.853,
123.235

■ 65, 47.261,
308.040

■ 53, 65.836,

■ 66, 55.024,
308.301

123.834

■ 67, 62.659,
308.537

■ 53, 68.323,
124.480

Harmonies

Complementary

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



58, 10.037, 125.371



54, 10.233, 306.510

Rectangle

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



58, 10.037, 125.371



58, 10.037, 175.371



58, 10.037, 305.371



58, 10.037, 355.371

Sweetspot

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



58, 10.039, 125.375



74, 4.127, 125.764



56, 5.681, 62.658



39, 2.924, 125.729



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, 10.039, 125.375



73, 14.477, 125.261



57, 11.463, 141.120



30, 4.754, 125.511



51, 65.885, 124.406



2, 3.217, 125.932

Inverse Universe

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



54, 10.233, 306.510



67, 14.808, 306.633



54, 11.504, 322.262



28, 4.827, 306.365



18, 79.075, 310.361



0, 3.218, 305.930

Previews

White Background



This preview shows how the CIELCh color 58, 10.037, 125.371 looks on a white background.

Color Contrast Check

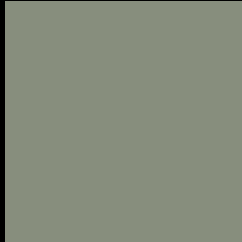
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.037, 125.371 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, 10.037, 125.371

Background



This preview shows how black text looks on a background with the CIELCh color 58, 10.037, 125.371.



This preview shows how white text looks on a background with the CIELCh color 58, 10.037, 125.371.

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, 10.037, 125.371

Protanopia
58, 9.377, 93.876

Deuteranopia
58, 10.293, 42.790



Tritanopia
58, 6.282, 294.372

Trichromacy



Original Color
58, 10.037, 125.371

Protanomaly
58, 9.057, 106.531

Deuteranomaly
58, 7.939, 71.197

Tritanomaly
58, 0.689, 255.995

Monochromacy



Original Color
58, 10.037, 125.371

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 3.500, 122.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 10.037, 125.371 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(135, 142, 125)` looks like.

```
.text, #text, p{  
    color:rgb(135, 142, 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(135, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 142, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 10.037, 125.371 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(135, 142, 125) }
```

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

```
.border{ border-color:rgb(135, 142, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(135, 142,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 10.037, 125.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 142, 125) }
```

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

```
.background{ background-color: rgb(135,  
142, 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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