

Converting Colors

CIELCh(57, 17.520, 125.303)

Have a look what the booklet for
CIELCh(57, 17.520, 125.303)
contains.

CIELCh(57, 17.145, 125.022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 17.145, 125.022)

Conversions

Conversions Part 1

Format	Color
Hex	818D70
RGB	129, 141, 112
RGB Percent	51%, 55%, 44%
CMY	0.4938, 0.4467, 0.5604
CMYK	0.09, 0.00, 0.21, 0.45
HSL	85°, 11%, 50%
HSV	85°, 21%, 55%
XYZ	21.5348, 24.9227, 19.0303
YIQ	134.1060, 2.1570, -11.5630

Conversions

Conversions Part 2

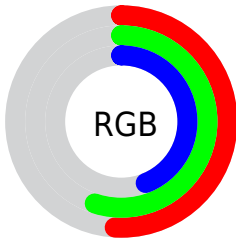
Format	Color
R_{YB}	112, 141, 124
Decimal	8490352
CIE Lab	57.00, -9.84, 14.04
CIE LCh	57, 17.145, 125.022
Yxy	24.9227, 0.3288, 0.3806
Android (android.graphics.Color)	4286680432 (0xFF818D70)
YUV	134.1060, -10.8983, -4.4780
Hunter-Lab	49.9226, -10.3662, 12.3447

Details

The CIELCh color $57, 17.145, 125.022$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $49, 17.711, 307.048$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 17.291, 125.440$, and $37, 17.197, 124.397$ is the 20% darker color. If you saturate the color by 10%, you get $56, 25.413, 124.526$, and if you desaturate by 10%, it is $58, 8.808, 125.517$.

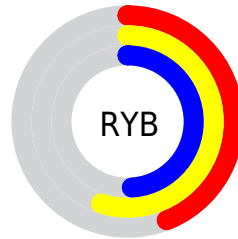
Distribution



Red (51%)

Green (55%)

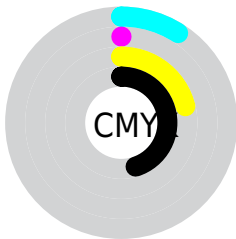
Blue (44%)



Red (44%)

Yellow (55%)

Blue (49%)

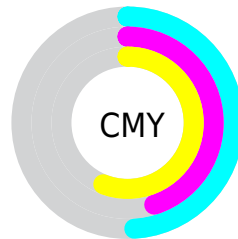


Cyan (9%)

Magenta (0%)

Yellow (21%)

Black (45%)



Cyan (49%)


Magenta (45%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 17.145, 125.022 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 57, 17.145, 125.022 by changing the saturation by 10% instead.


 57, 17.145,
125.022


 57, 17.145,
125.022


 100, 17.145,
125.022


 47, 17.145,
125.022

 77, 17.145,
125.022

 37, 17.145,
125.022

 87, 17.145,
125.022

 27, 17.145,
125.022

 97, 17.145,
125.022

 17, 17.145,
125.022

 7, 17.145, 125.022

 0, 17.145, 125.022

■ 57, 17.145,
125.022

■ 57, 17.145,
125.022

■ 56, 25.413,
124.526

■ 58, 8.808, 125.517

■ 59, 0.458, 126.128

■ 56, 33.521,
124.043

■ 60, 7.860, 306.410

■ 55, 41.343,
123.608

■ 60, 16.115,
306.823

■ 54, 48.698,
123.277

■ 61, 24.284,
307.201

■ 54, 55.327,
123.127

■ 63, 32.352,
307.545

■ 54, 60.905,
123.262


■ 64, 40.306,
307.858

■ 53, 65.097,
123.795

■ 65, 48.139,
308.142

■ 53, 68.057,

124.549

 66, 55.846,
308.398

Harmonies

Complementary

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



57, 17.145, 125.022



49, 17.711, 307.048

Rectangle

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



57, 17.145, 125.022



57, 17.145, 175.022



57, 17.145, 305.022



57, 17.145, 355.022

Sweetspot

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



57, 17.146, 125.025



74, 6.199, 125.734



53, 9.962, 61.850



39, 4.098, 125.707



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 17.146, 125.025



72, 25.822, 124.776



56, 19.643, 140.606



30, 4.756, 125.584



51, 65.928, 124.484



2, 3.218, 126.003

Inverse Universe

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



49, 17.711, 307.048



60, 26.896, 307.336



51, 19.735, 322.674



28, 4.829, 306.435



18, 79.044, 310.398



0, 3.219, 306.001

Previews

White Background



This preview shows how the CIELCh color 57, 17.145, 125.022 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 57, 17.145, 125.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

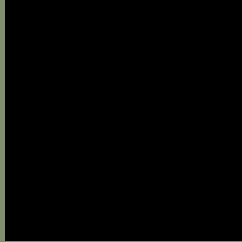
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 17.145, 125.022

Background



This preview shows how black text looks on a background with the CIELCh color 57, 17.145, 125.022.



This preview shows how white text looks on a background with the CIELCh color 57, 17.145, 125.022.

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
57, 17.145, 125.022

Protanopia
57, 15.236, 93.898

Deuteranopia
57, 15.131, 59.607



Tritanopia
57, 6.314, 284.042

Trichromacy



Original Color
57, 17.145, 125.022

Protanomaly
57, 15.283, 106.775

Deuteranomaly
57, 13.499, 86.634

Tritanomaly
57, 3.293, 155.451

Monochromacy



Original Color
57, 17.145, 125.022

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 6.591, 127.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 17.145, 125.022 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(129, 141, 112)` looks like.

```
.text, #text, p{  
    color:rgb(129, 141, 112)  
}
```

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(129, 141, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 141, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 17.145, 125.022 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(129, 141, 112) }
```

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

```
.border{ border-color:rgb(129, 141, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 141, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 141, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 141, 112);  
box-shadow:4px 4px 4px 4px rgb(129, 141,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 17.145, 125.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 141, 112) }
```

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

```
.background{ background-color: rgb(129,  
141, 112) }
```

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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