

Converting Colors

CIELCh(58, 14.070, 127.762)

Have a look what the booklet for
CIELCh(58, 14.070, 127.762)
contains.

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Color

CIELCh(58, 13.762, 127.596)

Conversions

Conversions Part 1

Format	Color
Hex	848F78
RGB	132, 143, 120
RGB Percent	52%, 56%, 47%
CMY	0.4818, 0.4387, 0.5289
CMYK	0.08, 0.00, 0.16, 0.44
HSL	89°, 9%, 52%
HSV	89°, 16%, 56%
XYZ	22.7774, 25.9610, 21.6214
YIQ	137.0890, 0.8270, -9.4850

Conversions

Conversions Part 2

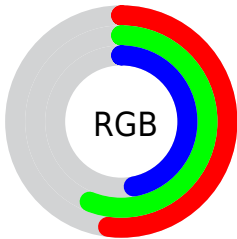
Format	Color
R_{YB}	120, 143, 131
Decimal	8687480
CIE _{Lab}	58.00, -8.40, 10.90
CIE _{LCh}	58, 13.762, 127.596
Yxy	25.9610, 0.3237, 0.3690
Android (android.graphics.Color)	4286877560 (0xFF848F78)
YUV	137.0890, -8.4249, -4.4631
Hunter-Lab	50.9519, -9.3697, 10.5067

Details

The CIELCh color $58, 13.762, 127.596$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $52, 14.074, 309.037$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 14.102, 127.802$, and $38, 14.283, 128.068$ is the 20% darker color. If you saturate the color by 10%, you get $57, 22.305, 127.124$, and if you desaturate by 10%, it is $59, 5.190, 128.062$.

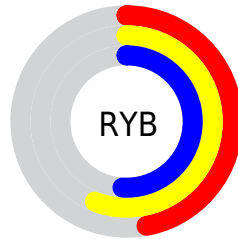
Distribution



Red (52%)

Green (56%)

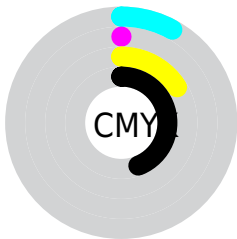
Blue (47%)



Red (47%)

Yellow (56%)

Blue (51%)

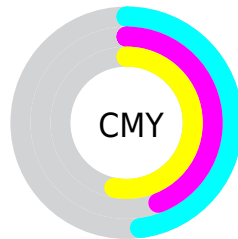


Cyan (8%)

Magenta (0%)

Yellow (16%)

Black (44%)



Cyan (48%)


Magenta (44%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 13.762, 127.596 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, 13.762, 127.596 by changing the saturation by 10% instead.


 58, 13.762,
127.596


 58, 13.762,
127.596


 100, 13.762,
127.596


 48, 13.762,
127.596


 78, 13.762,
127.596

 38, 13.762,
127.596

 88, 13.762,
127.596

 28, 13.762,
127.596

 98, 13.762,
127.596

 18, 13.762,
127.596

 8, 13.762, 127.596

 0, 13.762, 127.596

■ 58, 13.762,
127.596

■ 58, 13.762,
127.596

■ 57, 22.305,
127.124

■ 59, 5.190, 128.062

■ 56, 30.738,
126.649

■ 60, 3.359, 308.444

■ 56, 38.950,
126.199

■ 61, 11.846,
308.855

■ 55, 46.782,
125.819

■ 62, 20.241,
309.216

■ 55, 54.007,
125.577

■ 63, 28.525,
309.542

■ 54, 60.320,
125.571

■ 64, 36.683,
309.835

■ 54, 65.369,
125.916

■ 65, 44.706,
310.098

■ 53, 68.960,

■ 67, 52.589,
310.334

126.676

■ 68, 60.328,
310.543

■ 53, 70.242,
126.970

Harmonies

Complementary

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



58, 13.762, 127.596



52, 14.074, 309.037

Rectangle

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



58, 13.762, 127.596



58, 13.762, 177.596



58, 13.762, 307.596



58, 13.762, 357.596

Sweetspot

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



58, 13.764, 127.599



75, 5.292, 128.108



55, 7.964, 69.856



40, 3.640, 128.078



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 13.764, 127.599



73, 20.159, 127.442



57, 15.858, 142.640



30, 4.821, 127.918



50, 67.317, 126.883



2, 3.260, 128.307

Inverse Universe

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



52, 14.074, 309.037



65, 20.710, 309.204



53, 15.888, 324.359



28, 4.887, 308.703



19, 77.997, 311.705



0, 3.261, 308.305

Previews

White Background



This preview shows how the CIELCh color 58, 13.762, 127.596 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, 13.762, 127.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

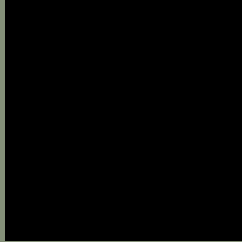
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

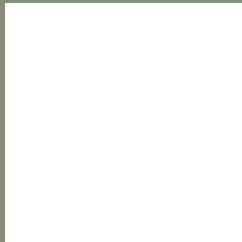
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 13.762, 127.596

Background



This preview shows how black text looks on a background with the CIELCh color 58, 13.762, 127.596.



This preview shows how white text looks on a background with the CIELCh color 58, 13.762, 127.596.

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, 13.762, 127.596

Protanopia

58, 12.333, 93.098

Deuteranopia

58, 12.524, 52.902



Tritanopia
58, 6.290, 284.024

Trichromacy



Original Color
58, 13.762, 127.596

Protanomaly
58, 12.421, 106.813

Deuteranomaly
58, 10.352, 80.371

Tritanomaly
58, 2.603, 173.458

Monochromacy



Original Color
58, 13.762, 127.596

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.825, 128.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 13.762, 127.596 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(132, 143, 120)` looks like.

```
.text, #text, p{  
    color:rgb(132, 143, 120)  
}
```

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(132, 143, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 143, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 13.762, 127.596 is called "border". The border property can be set on classes, ids or directly on the HTML element.

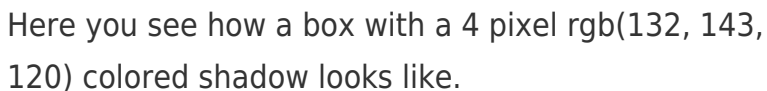
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 143, 120) }
```

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

```
.border{ border-color:rgb(132, 143, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(132, 143, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 143, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 143, 120); box-shadow:4px 4px 4px 4px rgb(132, 143, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 13.762, 127.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 143, 120) }
```

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

```
.background{ background-color: rgb(132,  
143, 120) }
```

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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