

Converting Colors

CIELCh(58, 12.560, 139.456)

Have a look what the booklet for
CIELCh(58, 12.560, 139.456)
contains.

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Color

CIELCh(58, 12.553, 139.435)

Conversions

Conversions Part 1

Format	Color
Hex	80907D
RGB	128, 144, 125
RGB Percent	50%, 56%, 49%
CMY	0.4986, 0.4358, 0.5103
CMYK	0.11, 0.00, 0.13, 0.44
HSL	111°, 8%, 53%
HSV	111°, 13%, 56%
XYZ	22.5275, 25.9610, 23.1810
YIQ	137.0500, -3.4370, -9.3010

Conversions

Conversions Part 2

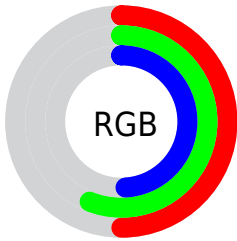
Format	Color
RYB	125, 144, 141
Decimal	8425597
CIELab	58.00, -9.54, 8.16
CIELCh	58, 12.553, 139.435
Yxy	25.9610, 0.3143, 0.3622
Android (android.graphics.Color)	4286615677 (0xFF80907D)
YUV	137.0500, -5.9406, -7.9368
Hunter-Lab	50.9519, -10.2452, 8.6918

Details

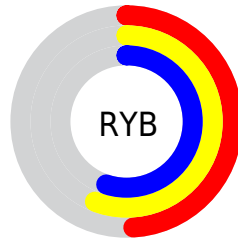
The CIELCh color $58, 12.553, 139.435$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 12.622, 320.631$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 12.472, 139.811$, and $38, 12.822, 138.907$ is the 20% darker color. If you saturate the color by 10%, you get $57, 22.125, 138.868$, and if you desaturate by 10%, it is $59, 3.025, 139.970$.

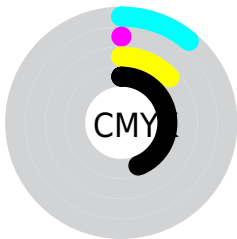
Distribution



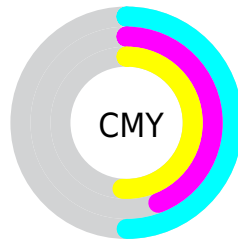
- Red (50%)
- Green (56%)
- Blue (49%)



- Red (49%)
- Yellow (56%)
- Blue (55%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)





- Cyan (50%)
- Magenta (44%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 12.553, 139.435 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, 12.553, 139.435 by changing the saturation by 10% instead.


 58, 12.553,
139.435


 58, 12.553,
139.435

 100, 12.553,
139.435


 48, 12.553,
139.435


 78, 12.553,
139.435

 38, 12.553,
139.435

 88, 12.553,
139.435

 28, 12.553,
139.435

 98, 12.553,
139.435

 18, 12.553,
139.435

 8, 12.553, 139.435

 0, 12.553, 139.435

■ 58, 12.553,
139.435

■ 58, 12.553,
139.435

■ 57, 22.125,
138.868

■ 59, 3.025, 139.970

■ 56, 31.628,
138.234

■ 61, 6.383, 320.312

■ 55, 40.913,
137.540

■ 62, 15.616,
320.693

■ 54, 49.782,
136.810

■ 64, 24.637,
321.010

■ 53, 57.974,
136.094

■ 65, 33.424,
321.278

■ 53, 65.157,
135.476

■ 67, 41.967,
321.507

■ 52, 70.946,
135.069

■ 69, 50.262,
321.701

■ 52, 74.991,

■ 71, 58.312,
321.866

134.988

■ 73, 66.123,
322.007

■ 52, 77.070,
134.937

Harmonies

Complementary

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



58, 12.553, 139.435



54, 12.622, 320.631

Rectangle

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



58, 12.553, 139.435



58, 12.553, 189.435



58, 12.553, 319.435



58, 12.553, 9.435

Sweetspot

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



58, 12.555, 139.436



75, 4.663, 139.918



58, 9.031, 100.904



40, 3.343, 139.879



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, 12.555, 139.436



73, 18.794, 139.266



58, 10.400, 154.743



30, 5.323, 139.648



49, 73.599, 134.888



2, 3.585, 140.058

Inverse Universe

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



54, 12.622, 320.631



68, 18.910, 320.773



54, 10.475, 336.554



28, 5.347, 320.444



28, 73.020, 322.356



1, 3.586, 320.054

Previews

White Background



This preview shows how the CIELCh color 58, 12.553, 139.435 looks on a white background.

Color Contrast Check

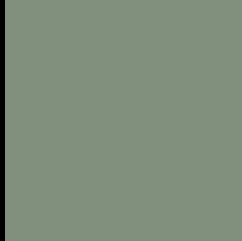
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.553, 139.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

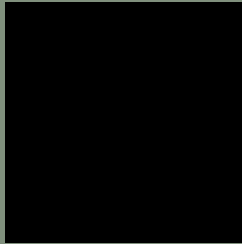
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 12.553, 139.435

Background



This preview shows how black text looks on a background with the CIELCh color 58, 12.553, 139.435.



This preview shows how white text looks on a background with the CIELCh color 58, 12.553, 139.435.

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](#).

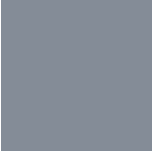
Dichromacy



Original Color
58, 12.553, 139.435

Protanopia
58, 10.037, 92.339

Deuteranopia
58, 10.293, 42.790



Tritanopia
58, 6.869, 265.172

Trichromacy



Original Color
58, 12.553, 139.435

Protanomaly
58, 10.209, 113.558

Deuteranomaly
58, 7.535, 83.695

Tritanomaly
58, 4.211, 199.092

Monochromacy



Original Color
58, 12.553, 139.435

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.955, 139.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 12.553, 139.435 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(128, 144, 125)` looks like.

```
.text, #text, p{  
    color:rgb(128, 144, 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(128, 144, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 144, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 12.553, 139.435 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(128, 144, 125) }
```

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

```
.border{ border-color:rgb(128, 144, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 144, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 144, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 144, 125);  
box-shadow:4px 4px 4px 4px rgb(128, 144,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 12.553, 139.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 144, 125) }
```

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

```
.background{ background-color: rgb(128,  
144, 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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