

Converting Colors

CIELCh(58, 11.692, 142.203)

Have a look what the booklet for
CIELCh(58, 11.692, 142.203)
contains.

CIELCh(58, 11.584, 142.241)	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(58, 11.584, 142.241)

Conversions

Conversions Part 1

Format	Color
Hex	80907F
RGB	128, 144, 127
RGB Percent	50%, 56%, 50%
CMY	0.4991, 0.4363, 0.5030
CMYK	0.11, 0.00, 0.12, 0.44
HSL	116°, 7%, 53%
HSV	116°, 12%, 56%
XYZ	22.6101, 25.9610, 23.8097
YIQ	137.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

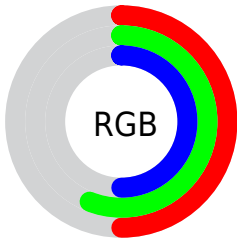
Format	Color
R_{YB}	127, 144, 143
Decimal	8425599
CIE _{Lab}	58.00, -9.16, 7.09
CIE _{LCh}	58, 11.584, 142.241
Yxy	25.9610, 0.3124, 0.3587
Android (android.graphics.Color)	4286615679 (0xFF80907F)
YUV	137.2780, -5.0671, -8.1368
Hunter-Lab	50.9519, -9.9557, 7.9603

Details

The CIELCh color $58, 11.584, 142.241$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 11.615, 323.428$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 11.560, 142.476$, and $38, 11.775, 141.869$ is the 20% darker color. If you saturate the color by 10%, you get $57, 21.462, 141.600$, and if you desaturate by 10%, it is $59, 1.770, 142.878$.

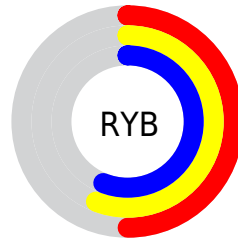
Distribution



Red (50%)

Green (56%)

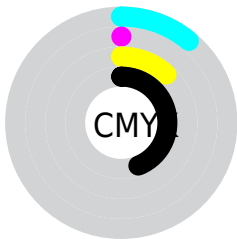
Blue (50%)



Red (50%)

Yellow (56%)

Blue (56%)

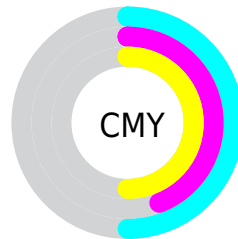


Cyan (11%)

Magenta (0%)

Yellow (12%)

Black (44%)



Cyan (50%)


Magenta (44%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 11.584, 142.241 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, 11.584, 142.241 by changing the saturation by 10% instead.


 58, 11.584,
142.241


 58, 11.584,
142.241


 100, 11.584,
142.241


 48, 11.584,
142.241


 78, 11.584,
142.241

 38, 11.584,
142.241

 88, 11.584,
142.241

 28, 11.584,
142.241

 98, 11.584,
142.241

 18, 11.584,
142.241

 8, 11.584, 142.241

 0, 11.584, 142.241

■ 58, 11.584,
142.241

■ 58, 11.584,
142.241

■ 57, 21.462,
141.600

■ 59, 1.770, 142.878

■ 56, 31.272,
140.868

■ 61, 7.896, 323.210

■ 55, 40.848,
140.041

■ 63, 17.349,
323.619

■ 54, 49.968,
139.135

■ 64, 26.552,
323.960

■ 53, 58.356,
138.190

■ 66, 35.482,
324.248

■ 53, 65.668,
137.280

■ 68, 44.131,
324.493


■ 52, 71.517,
136.519

■ 70, 52.499,
324.701

■ 52, 75.553,

■ 72, 60.591,
324.880

136.033

 74, 67.954,
325.303

 52, 77.800,
135.687

Harmonies

Complementary

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



58, 11.584, 142.241



55, 11.615, 323.428

Rectangle

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



58, 11.584, 142.241



58, 11.584, 192.241



58, 11.584, 322.241



58, 11.584, 12.241

Sweetspot

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



58, 11.586, 142.242



75, 4.810, 142.702



59, 8.952, 106.192



40, 3.448, 142.659



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, 11.586, 142.242



73, 16.960, 142.091



58, 8.633, 159.343



30, 5.493, 142.399



49, 74.368, 135.662



2, 3.697, 142.862

Inverse Universe

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



55, 11.615, 323.428



69, 17.004, 323.553



55, 8.729, 341.098



28, 5.507, 323.292



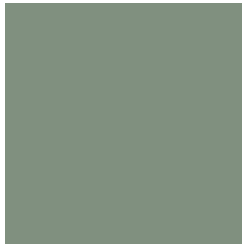
30, 72.330, 325.990



1, 3.697, 322.857

Previews

White Background



This preview shows how the CIELCh color 58, 11.584, 142.241 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, 11.584, 142.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

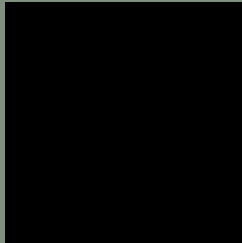
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

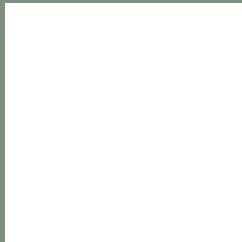
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 11.584, 142.241

Background



This preview shows how black text looks on a background with the CIELCh color 58, 11.584, 142.241.



This preview shows how white text looks on a background with the CIELCh color 58, 11.584, 142.241.

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

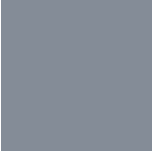
58, 11.584, 142.241

Protanopia

58, 8.831, 93.016

Deuteranopia

58, 9.453, 37.589



Tritanopia
58, 6.869, 265.172

Trichromacy



Original Color
58, 11.584, 142.241

Protanomaly
58, 9.085, 114.233

Deuteranomaly
58, 6.521, 79.634

Tritanomaly
58, 4.226, 206.851

Monochromacy



Original Color
58, 11.584, 142.241

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, 11.584, 142.241 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(128, 144, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 144, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 11.584, 142.241 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, 127) }
```

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

```
.border{ border-color:rgb(128, 144, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 144, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 144, 127);  
box-shadow:4px 4px 4px 4px rgb(128, 144,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 11.584, 142.241 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, 127) }
```

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

```
.background{ background-color: rgb(128,  
144, 127) }
```

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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