

Converting Colors

CIELCh(60, 15.161, 111.565)

Have a look what the booklet for
CIELCh(60, 15.161, 111.565)
contains.

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Color

CIELCh(60, 15.141, 111.570)

Conversions

Conversions Part 1

Format	Color
Hex	919378
RGB	145, 147, 120
RGB Percent	57%, 58%, 47%
CMY	0.4325, 0.4246, 0.5305
CMYK	0.01, 0.00, 0.18, 0.42
HSL	64°, 11%, 52%
HSV	64°, 18%, 58%
XYZ	25.3908, 28.1233, 21.7728
YIQ	143.3240, 7.4750, -8.8210

Conversions

Conversions Part 2

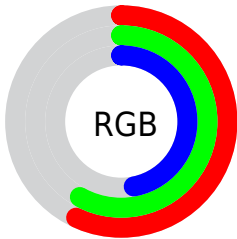
Format	Color
RYB	120, 147, 122
Decimal	9540472
CIELab	60.00, -5.57, 14.08
CIELCh	60, 15.141, 111.570
Yxy	28.1233, 0.3373, 0.3735
Android (android.graphics.Color)	4287730552 (0xFF919378)
YUV	143.3240, -11.4987, 1.4699
Hunter-Lab	53.0314, -7.3415, 12.7797

Details

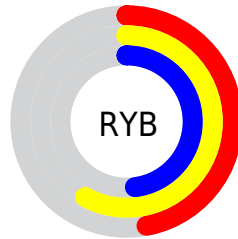
The CIELCh color $60, 15.141, 111.570$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51, 15.773, 294.829$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 15.362, 111.658$, and $40, 15.694, 112.727$ is the 20% darker color. If you saturate the color by 10%, you get $60, 23.260, 110.741$, and if you desaturate by 10%, it is $60, 6.927, 112.405$.

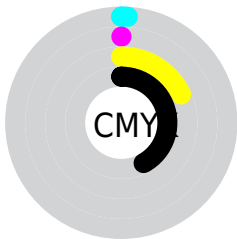
Distribution



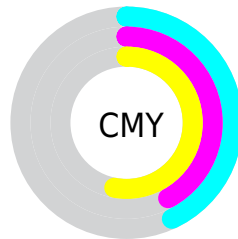
- Red (57%)
- Green (58%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (48%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)





- Cyan (43%)
- Magenta (42%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 15.141, 111.570 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 60, 15.141, 111.570 by changing the saturation by 10% instead.


 60, 15.141,
111.570


 60, 15.141,
111.570


 100, 15.141,
111.570


 50, 15.141,
111.570


 80, 15.141,
111.570

 40, 15.141,
111.570

 90, 15.141,
111.570


 30, 15.141,
111.570

 20, 15.141,
111.570

 10, 15.141,
111.570

 0, 15.141, 111.570

 60, 15.141,

 60, 15.141,

111.570

111.570

60, 23.260,
110.741

60, 6.927, 112.405

59, 31.201,
109.925

61, 1.333, 293.250

61, 9.601, 294.027

59, 38.843,
109.150

62, 17.854,
294.791

59, 46.004,
108.450

63, 26.072,
295.521

59, 52.421,
107.870

63, 34.242,
296.215

58, 57.749,
107.461

64, 42.352,
296.870

58, 61.624,
107.282

65, 50.396,
297.486

58, 64.068,
107.324

66, 58.364,

■ 58, 64.441,
107.333

298.064

Harmonies

Complementary

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



60, 15.141, 111.570



51, 15.773, 294.829

Rectangle

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



60, 15.141, 111.570



60, 15.141, 161.570



60, 15.141, 291.570



60, 15.141, 341.570

Sweetspot

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



60, 15.142, 111.575



77, 6.144, 112.592



53, 10.520, 26.128



41, 4.107, 112.545



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 15.142, 111.575



76, 22.440, 111.236



59, 16.432, 130.582



31, 4.690, 112.339



55, 61.528, 107.308



3, 4.121, 113.097

Inverse Universe

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



51, 15.773, 294.829



63, 23.602, 295.280



53, 16.776, 312.141



29, 4.790, 293.906



15, 84.202, 306.599



0, 4.122, 293.098

Previews

White Background



This preview shows how the CIELCh color 60, 15.141, 111.570 looks on a white background.

Color Contrast Check

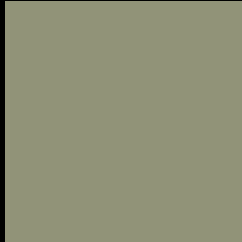
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 15.141, 111.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

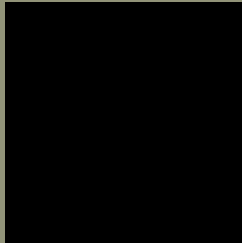
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 15.141, 111.570

Background



This preview shows how black text looks on a background with the CIELCh color 60, 15.141, 111.570.



This preview shows how white text looks on a background with the CIELCh color 60, 15.141, 111.570.

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


60, 15.141, 111.570

Protanopia

60, 14.534, 93.585

Deuteranopia

60, 15.657, 60.179



Tritanopia
60, 6.804, 313.955

Trichromacy



Original Color
60, 15.141, 111.570

Protanomaly
60, 14.728, 100.385

Deuteranomaly
60, 13.824, 77.877

Tritanomaly
60, 2.046, 74.797

Monochromacy



Original Color
60, 15.141, 111.570

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 5.067, 109.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 15.141, 111.570 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(145, 147, 120)` looks like.

```
.text, #text, p{  
    color:rgb(145, 147, 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(145, 147, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 147, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 15.141, 111.570 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(145, 147, 120) }
```

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

```
.border{ border-color:rgb(145, 147, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 147, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 147, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 147, 120);  
box-shadow:4px 4px 4px 4px rgb(145, 147,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 15.141, 111.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 147, 120) }
```

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

```
.background{ background-color: rgb(145,  
147, 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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