

Converting Colors

CIELCh(60, 7.478, 18.810)

Have a look what the booklet for
CIELCh(60, 7.478, 18.810) contains.

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Color

CIELCh(60, 7.586, 15.879)

Conversions

Conversions Part 1

Format	Color
Hex	9F8C8D
RGB	159, 140, 141
RGB Percent	62%, 55%, 55%
CMY	0.3758, 0.4503, 0.4464
CMYK	0.00, 0.12, 0.11, 0.38
HSL	357°, 9%, 59%
HSV	357°, 12%, 62%
XYZ	28.5566, 28.1233, 29.1893
YIQ	145.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

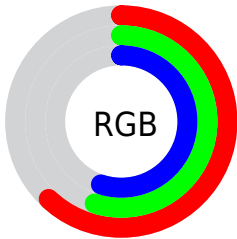
Format	Color
R _Y B	159, 140, 141
Decimal	10456205
CIE Lab	60.00, 7.30, 2.08
CIE LCh	60, 7.586, 15.879
Yxy	28.1233, 0.3326, 0.3275
Android (android.graphics.Color)	4288646285 (0xFF9F8C8D)
YUV	145.7950, -2.3639, 11.5808
Hunter-Lab	53.0314, 3.3145, 4.4879

Details

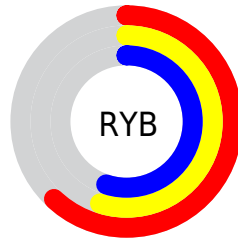
The CIELCh color $60, 7.586, 15.879$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $64, 7.093, 194.323$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 7.491, 15.876$, and $40, 7.378, 15.693$ is the 20% darker color. If you saturate the color by 10%, you get $55, 14.433, 16.870$, and if you desaturate by 10%, it is $65, 1.189, 14.797$.

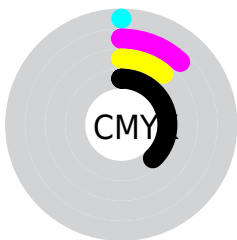
Distribution



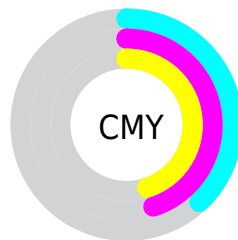
- Red (62%)
- Green (55%)
- Blue (55%)



- Red (62%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 7.586, 15.879 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, 7.586, 15.879 by changing the saturation by 10% instead.

60, 7.586, 15.879

60, 7.586, 15.879

100, 7.586, 15.879

50, 7.586, 15.879

80, 7.586, 15.879

40, 7.586, 15.879

90, 7.586, 15.879

30, 7.586, 15.879

20, 7.586, 15.879

10, 7.586, 15.879

0, 7.586, 15.879

60, 7.586, 15.879

60, 7.586, 15.879

55, 14.433, 16.870

65, 1.189, 14.797

51, 21.720, 18.074

69, 4.768, 194.651

47, 29.387, 19.596

74, 10.318,
194.077

43, 37.309, 21.539

79, 15.500,
193.622

40, 45.293, 24.020

37, 53.091, 27.130

84, 20.352,
193.240

35, 60.417, 30.854

88, 24.913,
192.912

33, 66.881, 34.876

33, 71.172, 37.541

93, 29.216,
192.627

94, 29.602,
197.594

Harmonies

Complementary

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



60, 7.586, 15.879



64, 7.093, 194.323

Rectangle

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



60, 7.586, 15.879



60, 7.586, 65.879



60, 7.586, 195.879



60, 7.586, 245.879

Sweetspot

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



60, 7.585, 15.890



81, 3.057, 15.152



60, 12.717, 323.216



43, 2.195, 15.232



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 7.585, 15.890



75, 11.088, 16.104



62, 6.288, 66.529



31, 3.539, 15.649



29, 65.319, 37.043



1, 4.489, 15.269

Inverse Universe

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



60, 7.585, 15.890



75, 11.088, 16.104



62, 6.034, 249.358



31, 3.539, 15.649



29, 65.319, 37.043



1, 4.489, 15.269

Previews

White Background



This preview shows how the CIELCh color 60, 7.586, 15.879 looks on a white background.

Color Contrast Check

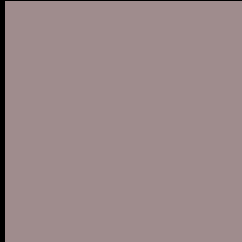
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 7.586, 15.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

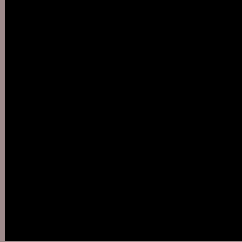
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 7.586, 15.879

Background



This preview shows how black text looks on a background with the CIELCh color 60, 7.586, 15.879.



This preview shows how white text looks on a background with the CIELCh color 60, 7.586, 15.879.

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, 7.586, 15.879

Protanopia

60, 1.292, 44.977

Deuteranopia

60, 7.990, 16.140



Tritanopia
60, 10.287, 343.426

Trichromacy



Original Color
60, 7.586, 15.879

Protanomaly
60, 3.194, 29.709

Deuteranomaly
60, 7.990, 16.140

Tritanomaly
60, 9.406, 351.769

Monochromacy



Original Color
60, 7.586, 15.879

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 2.742, 19.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 7.586, 15.879 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(159, 140, 141)` looks like.

```
.text, #text, p{  
    color:rgb(159, 140, 141)  
}
```

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(159, 140, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 140, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 7.586, 15.879 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(159, 140, 141) }
```

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

```
.border{ border-color:rgb(159, 140, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 140, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 140, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 140, 141);  
box-shadow:4px 4px 4px 4px rgb(159, 140,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 7.586, 15.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 140, 141) }
```

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

```
.background{ background-color: rgb(159,  
140, 141) }
```

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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