

Converting Colors

CIELCh(60, 2.217, 1.694)

Have a look what the booklet for
CIELCh(60, 2.217, 1.694) contains.

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Color

CIELCh(60, 2.418, 5.998)

Conversions

Conversions Part 1

Format	Color
Hex	958F90
RGB	149, 143, 144
RGB Percent	58%, 56%, 56%
CMY	0.4150, 0.4385, 0.4346
CMYK	0.00, 0.04, 0.03, 0.41
HSL	350°, 3%, 57%
HSV	350°, 4%, 59%
XYZ	27.3234, 28.1233, 30.4447
YIQ	144.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

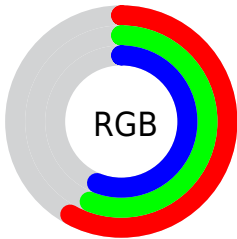
Format	Color
R_{YB}	149, 143, 144
Decimal	9801616
CIE _{Lab}	60.00, 2.40, 0.25
CIE _{LCh}	60, 2.418, 5.998
Yxy	28.1233, 0.3181, 0.3274
Android (android.graphics.Color)	4287991696 (0xFF958F90)
YUV	144.9080, -0.4476, 3.5887
Hunter-Lab	53.0314, -0.8365, 3.0843

Details

The CIELCh color $60, 2.418, 5.998$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 2.372, 185.696$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 2.278, 5.853$, and $40, 2.203, 3.544$ is the 20% darker color. If you saturate the color by 10%, you get $56, 8.661, 7.100$, and if you desaturate by 10%, it is $64, 3.485, 185.507$.

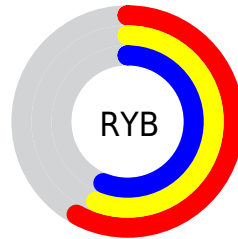
Distribution



Red (58%)

Green (56%)

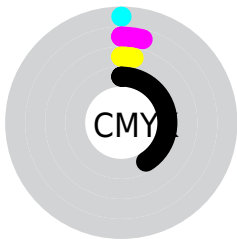
Blue (56%)



Red (58%)

Yellow (56%)

Blue (56%)

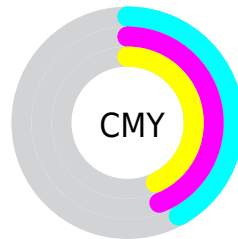


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (41%)



Cyan (42%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 2.418, 5.998 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, 2.418, 5.998 by changing the saturation by 10% instead.

■ 60, 2.418, 5.998

■ 60, 2.418, 5.998

■ 100, 2.418, 5.998

■ 50, 2.418, 5.998

■ 80, 2.418, 5.998

■ 40, 2.418, 5.998

■ 90, 2.418, 5.998

■ 30, 2.418, 5.998

■ 20, 2.418, 5.998

■ 10, 2.418, 5.998

■ 0, 2.418, 5.998

■ 60, 2.418, 5.998

■ 60, 2.418, 5.998

■ 56, 8.661, 7.100

■ 64, 3.485, 185.507

■ 51, 15.237, 8.248

■ 69, 9.051, 184.729

47, 22.094, 9.620

73, 14.303,
184.094

43, 29.135, 11.300

78, 19.266,
183.537

40, 36.196, 13.395

37, 43.054, 16.033

82, 23.968,
183.041

34, 49.458, 19.349

87, 28.436,
182.594

32, 55.205, 23.430

31, 60.215, 28.190

91, 32.696,
182.188

94, 33.547,
187.220

94, 32.089,
197.444

Harmonies

Complementary

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



60, 2.418, 5.998



61, 2.372, 185.696

Rectangle

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



60, 2.418, 5.998



60, 2.418, 55.998



60, 2.418, 185.998



60, 2.418, 235.998

Sweetspot

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



60, 2.417, 6.026



78, 0.740, 5.257



60, 3.921, 319.931



41, 0.420, 5.205



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, 2.417, 6.026



76, 3.731, 6.158



61, 1.915, 55.183



30, 2.031, 6.206



28, 59.320, 30.490



1, 2.919, 5.851

Inverse Universe

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



60, 2.417, 6.026



76, 3.731, 6.158



61, 1.886, 236.230



30, 2.031, 6.206



28, 59.320, 30.490



1, 2.919, 5.851

Previews

White Background



This preview shows how the CIELCh color 60, 2.418, 5.998 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, 2.418, 5.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

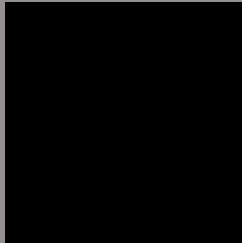
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

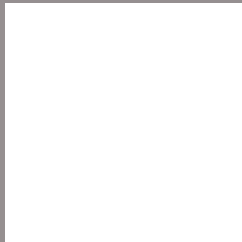
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 2.418, 5.998

Background



This preview shows how black text looks on a background with the CIELCh color 60, 2.418, 5.998.

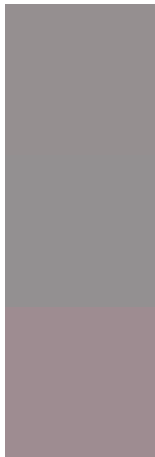


This preview shows how white text looks on a background with the CIELCh color 60, 2.418, 5.998.

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, 2.418, 5.998

Protanopia

60, 1.305, 353.588

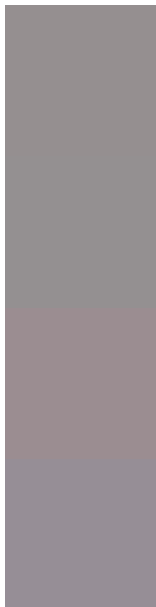
Deuteranopia

60, 7.636, 358.543



Tritanopia
60, 6.965, 316.863

Trichromacy



Original Color

60, 2.418, 5.998

Protanomaly

60, 1.665, 359.521

Deuteranomaly

60, 5.953, 357.729

Tritanomaly

60, 5.503, 324.688

Monochromacy



Original Color

60, 2.418, 5.998

Achromatopsia

60, 0.008, 296.813

Achromatomaly

60, 1.305, 353.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 2.418, 5.998 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(149, 143, 144)` looks like.

```
.text, #text, p{  
    color:rgb(149, 143, 144)  
}
```

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(149, 143, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 143, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 2.418, 5.998 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(149, 143, 144) }
```

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

```
.border{ border-color:rgb(149, 143, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 143, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 143, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 143, 144);  
box-shadow:4px 4px 4px 4px rgb(149, 143,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 2.418, 5.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 143, 144) }
```

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

```
.background{ background-color: rgb(149,  
143, 144) }
```

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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