

Converting Colors

CIELCh(59, 2.487, 72.890)

Have a look what the booklet for
CIELCh(59, 2.487, 72.890) contains.

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Color

CIELCh(59, 2.303, 66.658)

Conversions

Conversions Part 1

Format	Color
Hex	918D8A
RGB	145, 141, 138
RGB Percent	57%, 55%, 54%
CMY	0.4302, 0.4459, 0.4577
CMYK	0.00, 0.03, 0.05, 0.43
HSL	26°, 3%, 56%
HSV	26°, 5%, 57%
XYZ	25.9072, 27.0277, 28.0084
YIQ	141.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

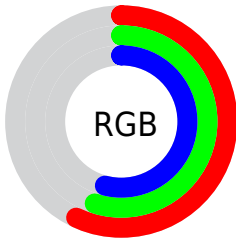
Format	Color
R_{YB}	145, 143, 138
Decimal	9538954
CIE Lab	59.00, 0.91, 2.11
CIE LCh	59, 2.303, 66.658
Yxy	27.0277, 0.3201, 0.3339
Android (android.graphics.Color)	4287729034 (0xFF918D8A)
YUV	141.8540, -1.9000, 2.7590
Hunter-Lab	51.9882, -2.0277, 4.4495

Details

The CIELCh color $59, 2.303, 66.658$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $59, 2.274, 248.032$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 2.580, 74.795$, and $39, 2.500, 66.469$ is the 20% darker color. If you saturate the color by 10%, you get $56, 7.291, 65.739$, and if you desaturate by 10%, it is $62, 2.422, 248.043$.

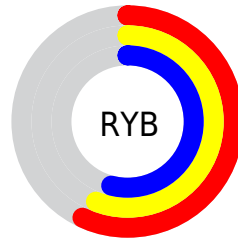
Distribution



Red (57%)

Green (55%)

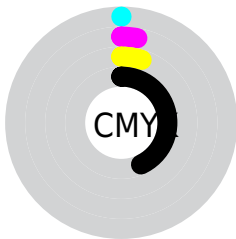
Blue (54%)



Red (57%)

Yellow (56%)

Blue (54%)

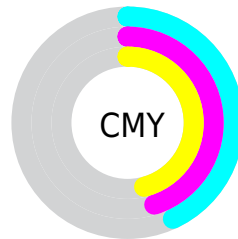


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (43%)



Cyan (43%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 2.303, 66.658 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 59, 2.303, 66.658 by changing the saturation by 10% instead.

■ 59, 2.303, 66.658

■ 59, 2.303, 66.658

■ 100, 2.303, 66.658

■ 49, 2.303, 66.658

■ 79, 2.303, 66.658

■ 39, 2.303, 66.658

■ 89, 2.303, 66.658

■ 29, 2.303, 66.658

■ 99, 2.303, 66.658

■ 19, 2.303, 66.658

■ 9, 2.303, 66.658

■ 0, 2.303, 66.658

■ 59, 2.303, 66.658

■ 59, 2.303, 66.658

■ 56, 7.291, 65.739

■ 62, 2.422, 248.043

■ 54, 12.567, 64.700

■ 64, 6.912, 248.997

51, 18.154, 63.665

67, 11.194,
250.001

49, 24.062, 62.649

70, 15.292,
250.988

46, 30.275, 61.654

44, 36.727, 60.659

73, 19.228,
251.948

42, 43.252, 59.604

75, 23.021,
252.875

40, 49.491, 58.340

38, 54.826, 56.602

78, 26.689,
253.767

81, 30.247,
254.623

83, 28.690,
244.762

Harmonies

Complementary

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



59, 2.303, 66.658



59, 2.274, 248.032

Rectangle

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



59, 2.303, 66.658



59, 2.303, 116.658



59, 2.303, 246.658



59, 2.303, 296.658

Sweetspot

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



59, 2.303, 66.703



76, 0.581, 66.553



58, 3.607, 339.691



40, 0.329, 66.511



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



59, 2.303, 66.703



75, 3.563, 66.595



60, 3.614, 106.100



29, 1.871, 66.570



34, 54.587, 56.170



1, 1.782, 67.351

Inverse Universe

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



59, 2.274, 248.032



74, 3.498, 248.153



58, 3.658, 287.112



29, 1.835, 248.182



32, 38.138, 274.776



1, 1.782, 247.366

Previews

White Background



This preview shows how the CIELCh color 59, 2.303, 66.658 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 59, 2.303, 66.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

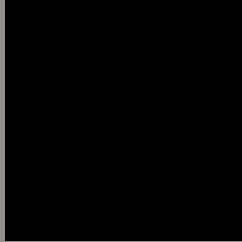
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

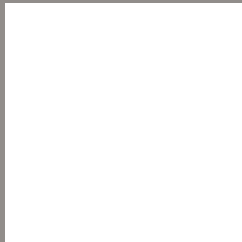
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 2.303, 66.658

Background



This preview shows how black text looks on a background with the CIELCh color 59, 2.303, 66.658.



This preview shows how white text looks on a background with the CIELCh color 59, 2.303, 66.658.

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

59, 2.303, 66.658

Protanopia

59, 2.303, 66.658

Deuteranopia

59, 8.064, 12.167



Tritanopia
59, 6.991, 316.869

Trichromacy



Original Color

59, 2.303, 66.658

Protanomaly

59, 2.303, 66.658

Deuteranomaly

59, 5.566, 19.890

Tritanomaly

59, 4.146, 324.611

Monochromacy



Original Color

59, 2.303, 66.658

Achromatopsia

59, 0.008, 296.813

Achromatomaly

59, 0.678, 74.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 2.303, 66.658 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, 141, 138)` looks like.

```
.text, #text, p{  
    color:rgb(145, 141, 138)  
}
```

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, 141, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 141, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 2.303, 66.658 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, 141, 138) }
```

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

```
.border{ border-color:rgb(145, 141, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 141, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 141, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 141, 138); box-shadow:4px 4px 4px 4px rgb(145, 141, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 2.303, 66.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 141, 138) }
```

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

```
.background{ background-color: rgb(145,  
141, 138) }
```

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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