

Converting Colors

CIELCh(59, 6.763, 0.529)

Have a look what the booklet for
CIELCh(59, 6.763, 0.529) contains.

CIELCh(59, 6.721, 0.430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 6.721, 0.430)

Conversions

Conversions Part 1

Format	Color
Hex	9A8A8E
RGB	154, 138, 142
RGB Percent	60%, 54%, 56%
CMY	0.3958, 0.4585, 0.4429
CMYK	0.00, 0.10, 0.08, 0.40
HSL	345°, 7%, 57%
HSV	345°, 10%, 60%
XYZ	27.3248, 27.0277, 29.3942
YIQ	143.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

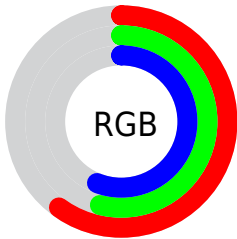
Format	Color
R _Y B	154, 138, 142
Decimal	10128014
CIE Lab	59.00, 6.72, 0.05
CIE LCh	59, 6.721, 0.430
Yxy	27.0277, 0.3263, 0.3227
Android (android.graphics.Color)	4288318094 (0xFF9A8A8E)
YUV	143.2400, -0.6113, 9.4365
Hunter-Lab	51.9882, 2.8395, 2.8691

Details

The CIELCh color $59, 6.721, 0.430$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 6.492, 178.660$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 6.863, 357.068$, and $39, 6.876, 359.612$ is the 20% darker color. If you saturate the color by 10%, you get $55, 13.481, 1.554$, and if you desaturate by 10%, it is $63, 0.246, 357.906$.

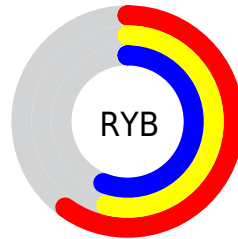
Distribution



Red (60%)

Green (54%)

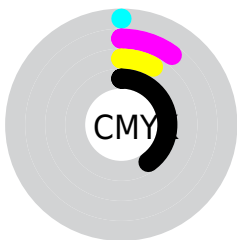
Blue (56%)



Red (60%)

Yellow (54%)

Blue (56%)

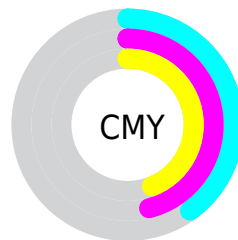


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 6.721, 0.430 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, 6.721, 0.430 by changing the saturation by 10% instead.

■ 59, 6.721, 0.430

■ 59, 6.721, 0.430

■ 100, 6.721, 0.430

■ 49, 6.721, 0.430

■ 79, 6.721, 0.430

■ 39, 6.721, 0.430

■ 89, 6.721, 0.430

■ 29, 6.721, 0.430

■ 99, 6.721, 0.430

■ 19, 6.721, 0.430

■ 9, 6.721, 0.430

■ 0, 6.721, 0.430

■ 59, 6.721, 0.430

■ 59, 6.721, 0.430

■ 55, 13.481, 1.554

■ 63, 0.246, 357.906

■ 50, 20.478, 2.842

■ 68, 5.920, 178.813

46, 27.606, 4.382

73, 11.782,
178.052

43, 34.694, 6.262

77, 17.353,
177.390

39, 41.503, 8.602

37, 47.746, 11.547

82, 22.655,
176.797

34, 53.164, 15.248

86, 27.712,
176.260

33, 57.641, 19.800

32, 61.463, 24.605

91, 32.546,
175.768

94, 34.155,
179.176

94, 31.942,
189.088

Harmonies

Complementary

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



59, 6.721, 0.430



62, 6.492, 178.660

Rectangle

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



59, 6.721, 0.430



59, 6.721, 50.430



59, 6.721, 180.430



59, 6.721, 230.430

Sweetspot

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



59, 6.719, 0.439



79, 2.377, 359.592



59, 10.209, 317.712



42, 1.819, 359.706



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 6.719, 0.439



74, 9.702, 0.637



60, 5.284, 44.908



30, 3.627, 0.315



29, 57.192, 24.088



1, 3.834, 359.830

Inverse Universe

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



59, 6.719, 0.439



74, 9.702, 0.637



61, 4.977, 226.040



30, 3.627, 0.315



29, 57.192, 24.088



1, 3.834, 359.830

Previews

White Background



This preview shows how the CIELCh color 59, 6.721, 0.430 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 59, 6.721, 0.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

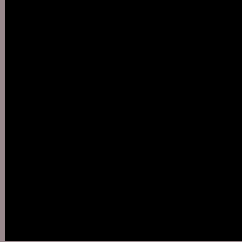
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 6.721, 0.430

Background



This preview shows how black text looks on a background with the CIELCh color 59, 6.721, 0.430.



This preview shows how white text looks on a background with the CIELCh color 59, 6.721, 0.430.

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, 6.721, 0.430

Protanopia

59, 2.078, 324.455

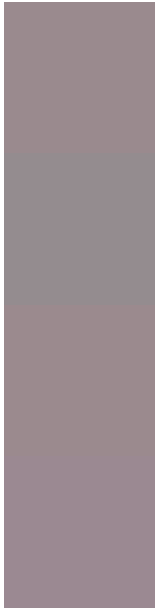
Deuteranopia

59, 7.480, 2.599



Tritanopia
59, 9.403, 338.939

Trichromacy



Original Color

59, 6.721, 0.430

Protanomaly

59, 3.577, 351.352

Deuteranomaly

59, 7.099, 1.569

Tritanomaly

59, 8.714, 344.570

Monochromacy



Original Color

59, 6.721, 0.430

Achromatopsia

59, 0.008, 296.813

Achromatomaly

59, 2.617, 353.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 6.721, 0.430 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(154, 138, 142)` looks like.

```
.text, #text, p{  
    color:rgb(154, 138, 142)  
}
```

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(154, 138, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 138, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 6.721, 0.430 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(154, 138, 142) }
```

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

```
.border{ border-color:rgb(154, 138, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 138, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 138, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 138, 142);  
box-shadow:4px 4px 4px 4px rgb(154, 138,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 6.721, 0.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 138, 142) }
```

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

```
.background{ background-color: rgb(154,  
138, 142) }
```

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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