

Converting Colors

CIELCh(60, 4.770, 211.222)

Have a look what the booklet for
CIELCh(60, 4.770, 211.222) contains.

CIELCh(60, 4.645, 213.183)	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(60, 4.645, 213.183)

Conversions

Conversions Part 1

Format	Color
Hex	879395
RGB	135, 147, 149
RGB Percent	53%, 58%, 58%
CMY	0.4712, 0.4241, 0.4163
CMYK	0.09, 0.01, 0.00, 0.42
HSL	189°, 6%, 56%
HSV	189°, 9%, 58%
XYZ	25.7900, 28.1233, 32.4387
YIQ	143.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

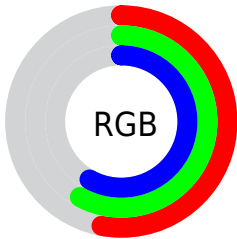
Format	Color
R_{YB}	135, 141, 149
Decimal	8885141
CIE Lab	60.00, -3.89, -2.54
CIE LCh	60, 4.645, 213.183
Yxy	28.1233, 0.2987, 0.3257
Android (android.graphics.Color)	4287075221 (0xFF879395)
YUV	143.6400, 2.6425, -7.5773
Hunter-Lab	53.0314, -5.9978, 0.8551

Details

The CIELCh color $60, 4.645, 213.183$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 4.927, 33.038$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 4.755, 212.145$, and $40, 4.574, 214.443$ is the 20% darker color. If you saturate the color by 10%, you get $58, 9.320, 213.234$, and if you desaturate by 10%, it is $62, 0.301, 31.578$.

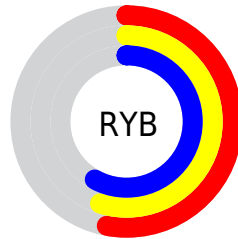
Distribution



Red (53%)

Green (58%)

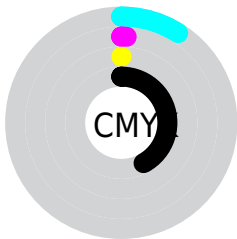
Blue (58%)



Red (53%)

Yellow (55%)

Blue (58%)

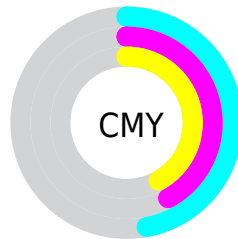


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 4.645, 213.183 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, 4.645, 213.183 by changing the saturation by 10% instead.

60, 4.645, 213.183

60, 4.645, 213.183

100, 4.645,
213.183

50, 4.645, 213.183

80, 4.645, 213.183

40, 4.645, 213.183

90, 4.645, 213.183

30, 4.645, 213.183

20, 4.645, 213.183

10, 4.645, 213.183

0, 4.645, 213.183

60, 4.645, 213.183

60, 4.645, 213.183

58, 9.320, 213.234

62, 0.301, 31.578

57, 13.652,

64, 5.456, 33.043

213.470

65, 10.766, 33.215

55, 17.565,
213.882

67, 16.186, 33.407

54, 20.984,
214.504

69, 21.681, 33.627

53, 23.839,
215.383

72, 27.220, 33.869

52, 26.078,
216.571

74, 32.780, 34.126

51, 27.681,
218.126

76, 38.343, 34.393

50, 28.665,
220.103

49, 29.208,
222.438

Harmonies

Complementary

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



60, 4.645, 213.183



58, 4.927, 33.038

Rectangle

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



60, 4.645, 213.183



60, 4.645, 263.183



60, 4.645, 33.183



60, 4.645, 83.183

Sweetspot

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



60, 4.645, 213.165



78, 1.867, 213.340



60, 8.796, 147.764



41, 1.408, 213.283



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, 4.645, 213.165



76, 6.707, 213.162



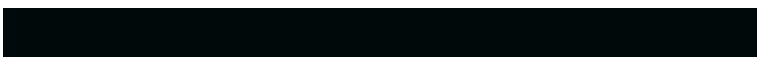
58, 5.363, 269.616



30, 2.778, 213.166



45, 27.636, 222.369



2, 2.487, 213.072

Inverse Universe

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



58, 8.759, 329.123



73, 12.719, 329.234



60, 5.382, 87.179



29, 5.234, 329.110



31, 65.537, 334.685



1, 4.550, 328.603

Previews

White Background



This preview shows how the CIE LCh color 60, 4.645, 213.183 looks on a white background.

Color Contrast Check

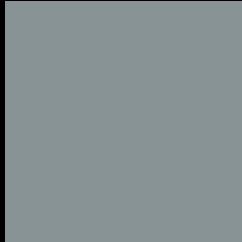
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.645, 213.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

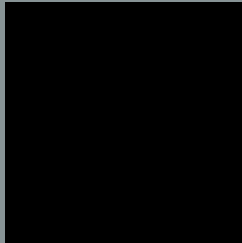
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

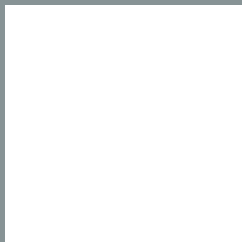
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 4.645, 213.183

Background



This preview shows how black text looks on a background with the CIELCh color 60, 4.645, 213.183.



This preview shows how white text looks on a background with the CIELCh color 60, 4.645, 213.183.

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

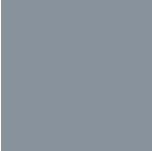
60, 4.645, 213.183

Protanopia

60, 1.877, 314.678

Deuteranopia

60, 8.421, 338.190



Tritanopia
60, 7.150, 259.775

Trichromacy



Original Color
60, 4.645, 213.183

Protanomaly
60, 2.035, 256.052

Deuteranomaly
60, 5.107, 317.484

Tritanomaly
60, 5.791, 250.646

Monochromacy



Original Color
60, 4.645, 213.183

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 1.632, 219.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 4.645, 213.183 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(135, 147, 149)` looks like.

```
.text, #text, p{  
    color:rgb(135, 147, 149)  
}
```

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(135, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 147, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 4.645, 213.183 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(135, 147, 149) }
```

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

```
.border{ border-color:rgb(135, 147, 149) }
```

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

Here you see how a box with a 4 pixel rgb(135, 147, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(135, 147,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 4.645, 213.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 147, 149) }
```

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

```
.background{ background-color: rgb(135,  
147, 149) }
```

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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