

Converting Colors

CIELCh(59, 18.425, 154.886)

Have a look what the booklet for
CIELCh(59, 18.425, 154.886)
contains.

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Color

CIELCh(59, 18.493, 155.489)

Conversions

Conversions Part 1

Format	Color
Hex	739680
RGB	115, 150, 128
RGB Percent	45%, 59%, 50%
CMY	0.5489, 0.4116, 0.4979
CMYK	0.23, 0.00, 0.15, 0.41
HSL	142°, 14%, 52%
HSV	142°, 23%, 59%
XYZ	21.8829, 27.0277, 24.4951
YIQ	137.0270, -13.7980, -14.2620

Conversions

Conversions Part 2

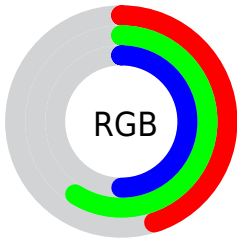
Format	Color
RYB	115, 141, 150
Decimal	7575168
CIELab	59.00, -16.83, 7.67
CIElCh	59, 18.493, 155.489
Yxy	27.0277, 0.2981, 0.3682
Android (android.graphics.Color)	4285765248 (0xFF739680)
YUV	137.0270, -4.4503, -19.3177
Hunter-Lab	51.9882, -15.8451, 8.4562

Details

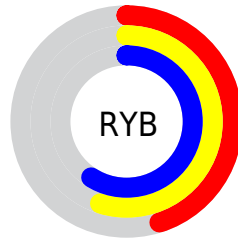
The CIELCh color $59, 18.493, 155.489$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $52, 18.758, 339.064$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 18.375, 156.222$, and $39, 18.403, 155.638$ is the 20% darker color. If you saturate the color by 10%, you get $58, 26.325, 154.509$, and if you desaturate by 10%, it is $60, 10.560, 156.358$.

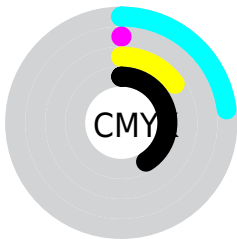
Distribution



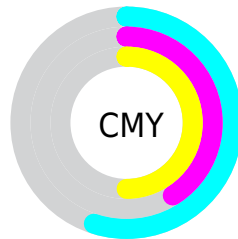
- Red (45%)
- Green (59%)
- Blue (50%)



- Red (45%)
- Yellow (55%)
- Blue (59%)



- Cyan (23%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (55%)
- Magenta (41%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 18.493, 155.489 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, 18.493, 155.489 by changing the saturation by 10% instead.

 59, 18.493,
155.489

 59, 18.493,
155.489

 100, 18.493,
155.489


 49, 18.493,
155.489

 79, 18.493,
155.489

 39, 18.493,
155.489

 89, 18.493,
155.489

 29, 18.493,
155.489

 99, 18.493,
155.489

 19, 18.493,
155.489

 9, 18.493, 155.489

 0, 18.493, 155.489

■ 59, 18.493,
155.489

■ 59, 18.493,
155.489

■ 58, 26.325,
154.509

■ 60, 10.560,
156.358

■ 57, 33.933,
153.394

■ 62, 2.624, 157.201

■ 56, 41.186,
152.121

■ 63, 5.237, 337.710

■ 55, 47.947,
150.672

■ 65, 12.963,
338.351

■ 55, 54.092,
149.033

■ 66, 20.512,
338.908

■ 55, 59.527,
147.206

■ 68, 27.857,
339.412

■ 54, 64.205,
145.218

■ 70, 34.983,
339.872

■ 54, 67.023,

■ 72, 41.884,
340.296

143.934

 74, 48.560,
340.688

Harmonies

Complementary

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



59, 18.493, 155.489



52, 18.758, 339.064

Rectangle

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



59, 18.493, 155.489



59, 18.493, 205.489



59, 18.493, 335.489



59, 18.493, 25.489

Sweetspot

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



59, 18.494, 155.488



77, 6.815, 156.863



60, 20.251, 123.090



40, 4.417, 156.821



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 18.494, 155.488



74, 27.310, 154.992



59, 13.196, 186.595



31, 4.417, 156.696



50, 62.710, 144.114



2, 3.857, 157.329

Inverse Universe

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



52, 18.758, 339.064



64, 27.771, 339.506



52, 14.760, 10.703



29, 4.447, 337.940



30, 56.280, 349.759



1, 3.858, 337.321

Previews

White Background



This preview shows how the CIELCh color 59, 18.493, 155.489 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, 18.493, 155.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

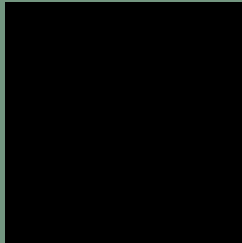
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 18.493, 155.489

Background



This preview shows how black text looks on a background with the CIELCh color 59, 18.493, 155.489.



This preview shows how white text looks on a background with the CIELCh color 59, 18.493, 155.489.

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, 18.493, 155.489

Protanopia
59, 10.554, 93.141

Deuteranopia
59, 9.619, 40.719



Tritanopia
59, 11.053, 236.915

Trichromacy



Original Color
59, 18.493, 155.489

Protanomaly
59, 11.211, 125.653

Deuteranomaly
59, 6.781, 105.986

Tritanomaly
59, 10.319, 198.471

Monochromacy



Original Color
59, 18.493, 155.489

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 6.856, 157.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 18.493, 155.489 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(115, 150, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 150, 128)  
}
```

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(115, 150, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 150, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 18.493, 155.489 is called "border". The border property can be set on classes, ids or directly on the HTML element.

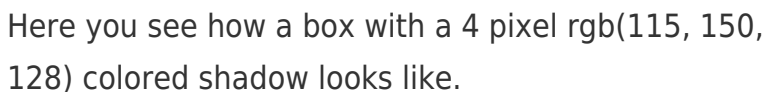
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 150, 128) }
```

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

```
.border{ border-color:rgb(115, 150, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 150, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 150, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 150, 128); box-shadow:4px 4px 4px 4px rgb(115, 150, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 18.493, 155.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 150, 128) }
```

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

```
.background{ background-color: rgb(115,  
150, 128) }
```

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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