

Converting Colors

CIELCh(59, 16.168, 256.751)

Have a look what the booklet for
CIELCh(59, 16.168, 256.751)
contains.

CIELCh(59, 16.153, 256.719)	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, 16.153, 256.719)

Conversions

Conversions Part 1

Format	Color
Hex	7691A9
RGB	118, 145, 169
RGB Percent	46%, 57%, 66%
CMY	0.5367, 0.4308, 0.3367
CMYK	0.30, 0.14, 0.00, 0.34
HSL	208°, 23%, 56%
HSV	208°, 30%, 66%
XYZ	24.8145, 27.0277, 41.5198
YIQ	139.6630, -23.7960, 1.7400

Conversions

Conversions Part 2

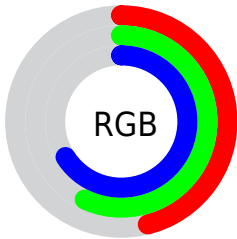
Format	Color
R_{YB}	118, 136, 169
Decimal	7770537
CIE _{Lab}	59.00, -3.71, -15.72
CIE _{LCh}	59, 16.153, 256.719
Yxy	27.0277, 0.2658, 0.2895
Android (android.graphics.Color)	4285960617 (0xFF7691A9)
YUV	139.6630, 14.4631, -18.9985
Hunter-Lab	51.9882, -5.7794, -10.9596

Details

The CIELCh color $59, 16.153, 256.719$ is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be $61, 17.803, 68.627$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 16.036, 255.740$, and $39, 16.055, 256.301$ is the 20% darker color. If you saturate the color by 10%, you get $56, 21.275, 258.828$, and if you desaturate by 10%, it is $62, 10.897, 254.954$.

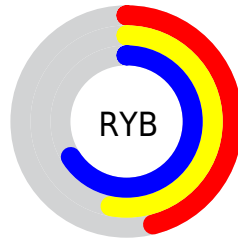
Distribution



Red (46%)

Green (57%)

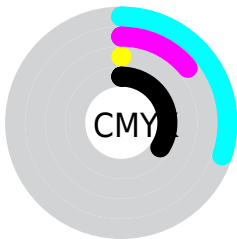
Blue (66%)



Red (46%)

Yellow (53%)

Blue (66%)

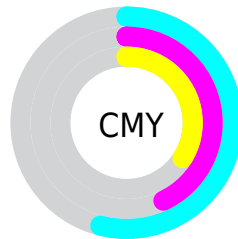


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (34%)



Cyan (54%)


Magenta (43%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 16.153, 256.719 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, 16.153, 256.719 by changing the saturation by 10% instead.


 59, 16.153,
256.719


 59, 16.153,
256.719


 100, 16.153,
256.719


 49, 16.153,
256.719


 79, 16.153,
256.719


 39, 16.153,
256.719

 89, 16.153,
256.719

 29, 16.153,
256.719

 99, 16.153,
256.719

 19, 16.153,
256.719

 9, 16.153, 256.719

 0, 16.153, 256.719

■ 59, 16.153,
256.719

■ 59, 16.153,
256.719

■ 56, 21.275,
258.828

■ 62, 10.897,
254.954

■ 52, 26.248,
261.351

■ 66, 5.534, 253.498

■ 69, 0.090, 256.016

■ 49, 31.071,
264.341

■ 73, 5.411, 71.058

■ 46, 35.767,
267.837

■ 76, 10.945, 70.184

■ 43, 40.390,
271.834

■ 80, 16.493, 69.416

■ 83, 22.039, 68.747

■ 41, 45.027,
276.252

■ 87, 27.569, 68.161

■ 38, 49.730,
280.695

■ 89, 29.215, 76.695

Harmonies

Complementary

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



59, 16.153, 256.719



61, 17.803, 68.627

Rectangle

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



59, 16.153, 256.719



59, 16.153, 306.719



59, 16.153, 76.719



59, 16.153, 126.719

Sweetspot

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



59, 16.152, 256.716



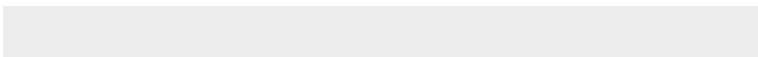
84, 6.064, 253.370



65, 24.410, 159.205



44, 4.203, 253.551



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 16.152, 256.716



72, 23.656, 258.043



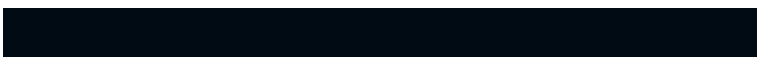
52, 28.659, 292.542



34, 3.074, 253.386



33, 44.593, 280.131



3, 5.966, 260.008

Inverse Universe

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



56, 25.110, 344.762



68, 37.032, 345.466



68, 26.797, 105.861



33, 4.621, 342.796



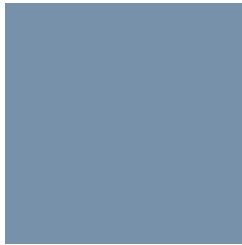
31, 56.923, 358.481



2, 7.936, 346.072

Previews

White Background



This preview shows how the CIELCh color 59, 16.153, 256.719 looks on a white background.

Color Contrast Check

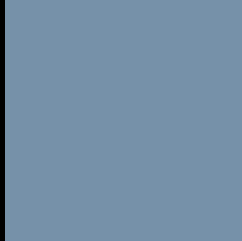
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.153, 256.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

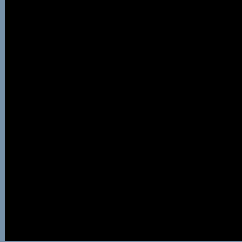
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

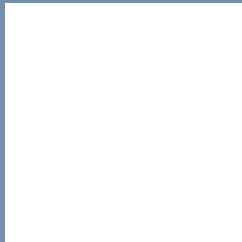
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 16.153, 256.719

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.153, 256.719.



This preview shows how white text looks on a background with the CIELCh color 59, 16.153, 256.719.

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, 16.153, 256.719

Protanopia
59, 14.772, 287.673

Deuteranopia
59, 18.803, 295.548



Tritanopia
59, 12.668, 231.219

Trichromacy



Original Color
59, 16.153, 256.719

Protanomaly
59, 14.676, 274.976

Deuteranomaly
59, 16.610, 282.274

Tritanomaly
59, 13.710, 243.657

Monochromacy



Original Color
59, 16.153, 256.719

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.255, 254.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.153, 256.719 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(118, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(118, 145, 169)  
}
```

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(118, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 145, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.153, 256.719 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(118, 145, 169) }
```

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

```
.border{ border-color:rgb(118, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(118, 145,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.153, 256.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 145, 169) }
```

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

```
.background{ background-color: rgb(118,  
145, 169) }
```

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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