

Converting Colors

CIELCh(59, 38.415, 254.413)

Have a look what the booklet for
CIELCh(59, 38.415, 254.413)
contains.

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Color

CIELCh(59, 38.439, 254.604)

Conversions

Conversions Part 1

Format	Color
Hex	2F96CE
RGB	47, 150, 206
RGB Percent	18%, 59%, 81%
CMY	0.8167, 0.4101, 0.1903
CMYK	0.77, 0.27, 0.00, 0.19
HSL	201°, 63%, 50%
HSV	201°, 77%, 81%
XYZ	23.3322, 27.0277, 62.6750
YIQ	125.5870, -79.3640, -4.4200

Conversions

Conversions Part 2

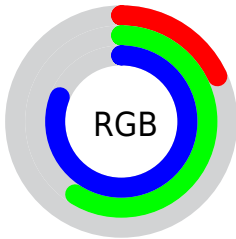
Format	Color
R_{YB}	47, 110, 206
Decimal	3118798
CIE _{Lab}	59.00, -10.21, -37.06
CIE _{LCh}	59, 38.439, 254.604
Yxy	27.0277, 0.2064, 0.2391
Android (android.graphics.Color)	4281308878 (0xFF2F96CE)
YUV	125.5870, 39.6436, -68.9208
Hunter-Lab	51.9882, -10.8689, -35.0860

Details

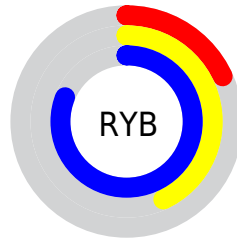
The CIELCh color **59, 38.439, 254.604** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **55, 61.414, 52.580**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 35.368, 249.290**, and **40, 35.410, 263.033** is the 20% darker color. If you saturate the color by 10%, you get **56, 41.783, 259.090**, and if you desaturate by 10%, it is **62, 34.783, 250.760**.

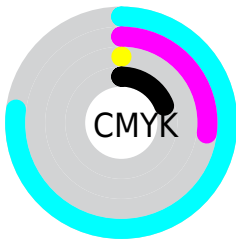
Distribution



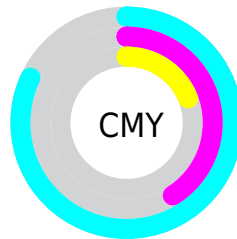
- Red (18%)
- Green (59%)
- Blue (81%)



- Red (18%)
- Yellow (43%)
- Blue (81%)



- Cyan (77%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)



- Cyan (82%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 38.439, 254.604 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, 38.439, 254.604 by changing the saturation by 10% instead.

■ 59, 38.439,
254.604

■ 59, 38.439,
254.604

■ 100, 38.439,
254.604

■ 49, 38.439,
254.604

■ 79, 38.439,
254.604

■ 39, 38.439,
254.604

■ 89, 38.439,
254.604

■ 29, 38.439,
254.604

■ 99, 38.439,
254.604

■ 19, 38.439,
254.604

■ 9, 38.439, 254.604

■ 0, 38.439, 254.604

■ 59, 38.439,
254.604

■ 59, 38.439,
254.604

■ 56, 41.783,
259.090

■ 62, 34.783,
250.760

■ 54, 44.985,
264.092

■ 65, 30.725,
247.555

■ 54, 45.857,
265.394

■ 67, 26.228,
244.928

■ 71, 21.307,
242.800

■ 74, 16.004,
241.085

■ 77, 10.376,
239.714

■ 80, 4.481, 238.655

■ 84, 1.622, 57.336

Harmonies

Complementary

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



59, 38.439, 254.604



55, 61.414, 52.580

Rectangle

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



59, 38.439, 254.604



59, 38.439, 304.604



59, 38.439, 74.604



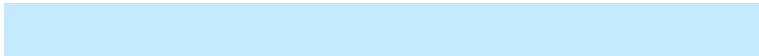
59, 38.439, 124.604

Sweetspot

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



59, 38.438, 254.605



91, 16.115, 240.488



74, 74.010, 147.134



47, 11.062, 241.021



0, 0.000, 0.000



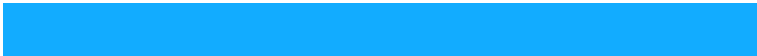
53, 0.007, 296.813

Same Dimension

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



59, 38.438, 254.605



67, 51.535, 262.449



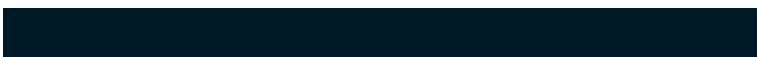
37, 82.296, 298.462



41, 3.407, 238.840



43, 38.552, 264.513



7, 12.629, 252.905

Inverse Universe

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



49, 71.764, 344.263



57, 89.135, 347.597



74, 67.119, 94.525



40, 5.892, 337.051



36, 64.975, 348.572



4, 21.862, 343.940

Previews

White Background



This preview shows how the CIE LCh color 59, 38.439, 254.604 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, 38.439, 254.604 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

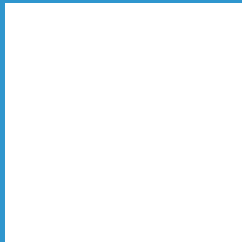
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 38.439, 254.604

Background



This preview shows how black text looks on a background with the CIELCh color 59, 38.439, 254.604.

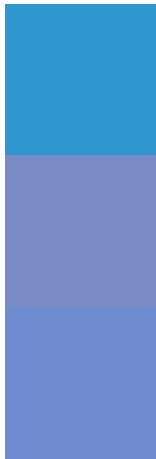


This preview shows how white text looks on a background with the CIELCh color 59, 38.439, 254.604.

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](#).

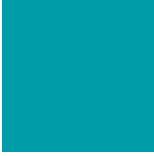
Dichromacy



Original Color
59, 38.375, 254.749

Protanopia
59, 33.090, 285.105

Deuteranopia
59, 39.607, 282.167

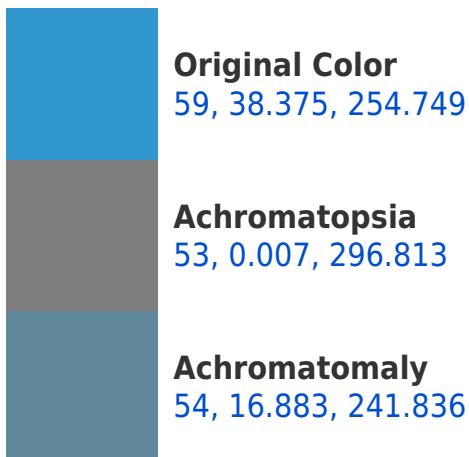


Tritanopia
59, 33.678, 208.452

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 38.439, 254.604 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(47, 150, 206)` looks like.

```
.text, #text, p{  
    color:rgb(47, 150, 206)  
}
```

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(47, 150, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 150, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 38.439, 254.604 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(47, 150, 206) }
```

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

```
.border{ border-color:rgb(47, 150, 206) }
```

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

Here you see how a box with a 4 pixel rgb(47, 150, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 150, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 150, 206);  
box-shadow:4px 4px 4px 4px rgb(47, 150,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 38.439, 254.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 150, 206) }
```

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

```
.background{ background-color: rgb(47, 150,  
206) }
```

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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