

Converting Colors

CIELCh(59, 27.313, 268.279)

Have a look what the booklet for
CIELCh(59, 27.313, 268.279)
contains.

CIELCh(59, 26.943, 267.542)	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, 26.943, 267.542)

Conversions

Conversions Part 1

Format	Color
Hex	6C91BD
RGB	108, 145, 189
RGB Percent	42%, 57%, 74%
CMY	0.5773, 0.4322, 0.2597
CMYK	0.43, 0.23, 0.00, 0.26
HSL	213°, 38%, 58%
HSV	213°, 43%, 74%
XYZ	25.4146, 27.0277, 51.8981
YIQ	138.9530, -36.1760, 5.8400

Conversions

Conversions Part 2

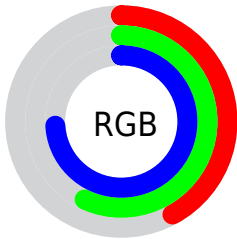
Format	Color
R _Y B	108, 133, 189
Decimal	7115197
CIE Lab	59.00, -1.16, -26.92
CIE LCh	59, 26.943, 267.542
Yxy	27.0277, 0.2436, 0.2590
Android (android.graphics.Color)	4285305277 (0xFF6C91BD)
YUV	138.9530, 24.6732, -27.1458
Hunter-Lab	51.9882, -3.7192, -22.7955

Details

The CIELCh color `59, 26.943, 267.542` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `65, 29.447, 74.388`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 26.697, 266.708`, and `39, 26.631, 266.625` is the 20% darker color. If you saturate the color by 10%, you get `55, 33.119, 270.219`, and if you desaturate by 10%, it is `63, 20.722, 265.267`.

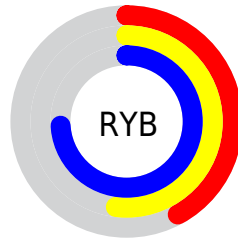
Distribution



Red (42%)

Green (57%)

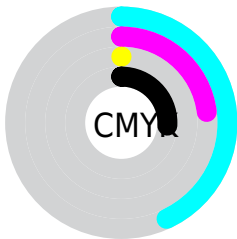
Blue (74%)



Red (42%)

Yellow (52%)

Blue (74%)

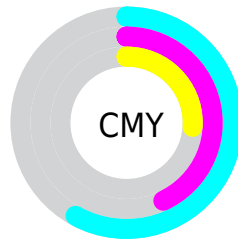


Cyan (43%)

Magenta (23%)

Yellow (0%)

Black (26%)



Cyan (58%)


Magenta (43%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 26.943, 267.542 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, 26.943, 267.542 by changing the saturation by 10% instead.

 59, 26.943,
267.542

 59, 26.943,
267.542


 100, 26.943,
267.542

 49, 26.943,
267.542


 79, 26.943,
267.542

 39, 26.943,
267.542

 89, 26.943,
267.542

 29, 26.943,
267.542

 99, 26.943,
267.542

 19, 26.943,
267.542

 9, 26.943, 267.542

 0, 26.943, 267.542

■ 59, 26.943,
267.542

■ 59, 26.943,
267.542

■ 55, 33.119,
270.219

■ 63, 20.722,
265.267

■ 51, 39.272,
273.340

■ 67, 14.458,
263.346

■ 48, 45.447,
276.912

■ 71, 8.159, 261.729

■ 44, 51.708,
280.885

■ 75, 1.841, 260.474

■ 79, 4.478, 79.041

■ 41, 58.123,
285.129

■ 84, 10.783, 78.061

■ 38, 62.809,
288.086

■ 88, 17.059, 77.186

■ 92, 22.508, 79.614

■ 94, 25.656, 92.580

Harmonies

Complementary

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



59, 26.943, 267.542



65, 29.447, 74.388

Rectangle

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



59, 26.943, 267.542



59, 26.943, 317.542



59, 26.943, 87.542



59, 26.943, 137.542

Sweetspot

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



59, 26.942, 267.541



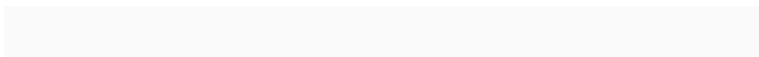
90, 10.153, 261.774



71, 35.452, 161.140



47, 7.099, 262.109



98, 0.011, 296.813



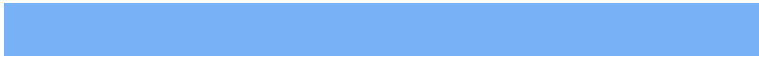
51, 0.007, 296.813

Same Dimension

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



59, 26.942, 267.541



71, 39.444, 269.909



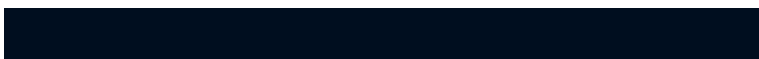
49, 47.526, 296.962



38, 3.585, 261.225



32, 54.323, 287.467



4, 12.054, 271.713

Inverse Universe

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



56, 37.437, 350.609



66, 54.482, 351.987



75, 42.497, 107.634



37, 4.841, 346.796



33, 59.074, 5.523



3, 13.637, 354.119

Previews

White Background



This preview shows how the CIELCh color 59, 26.943, 267.542 looks on a white background.

Color Contrast Check

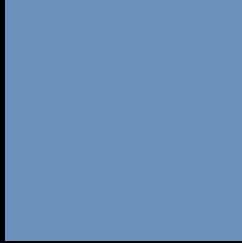
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.943, 267.542 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

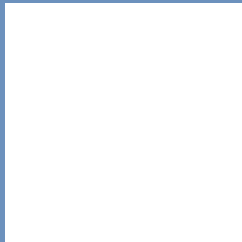
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 26.943, 267.542

Background



This preview shows how black text looks on a background with the CIELCh color 59, 26.943, 267.542.



This preview shows how white text looks on a background with the CIELCh color 59, 26.943, 267.542.

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, 26.943, 267.542

Protanopia

59, 25.662, 284.848

Deuteranopia

59, 29.037, 286.325



Tritanopia
59, 17.841, 220.611

Trichromacy



Original Color
59, 26.943, 267.542

Protanomaly
59, 25.593, 277.471

Deuteranomaly
59, 28.262, 280.158

Tritanomaly
59, 19.566, 242.824

Monochromacy



Original Color
59, 26.943, 267.542

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 10.129, 263.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 26.943, 267.542 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(108, 145, 189)` looks like.

```
.text, #text, p{  
    color:rgb(108, 145, 189)  
}
```

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(108, 145, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 145, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 26.943, 267.542 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(108, 145, 189) }
```

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

```
.border{ border-color:rgb(108, 145, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 145, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 145, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 145, 189);  
box-shadow:4px 4px 4px 4px rgb(108, 145,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 26.943, 267.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 145, 189) }
```

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

```
.background{ background-color: rgb(108,  
145, 189) }
```

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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