

Converting Colors

CIELCh(59, 28.348, 252.129)

Have a look what the booklet for
CIELCh(59, 28.348, 252.129)
contains.

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Color

CIELCh(59, 28.340, 252.051)

Conversions

Conversions Part 1

Format	Color
Hex	5695BD
RGB	86, 149, 189
RGB Percent	34%, 58%, 74%
CMY	0.6640, 0.4168, 0.2600
CMYK	0.55, 0.21, 0.00, 0.26
HSL	203°, 44%, 54%
HSV	203°, 55%, 74%
XYZ	23.6628, 27.0277, 51.9405
YIQ	134.7230, -50.3880, -0.9160

Conversions

Conversions Part 2

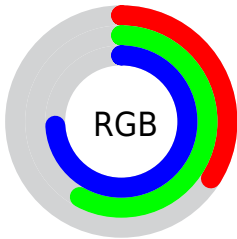
Format	Color
R _Y B	86, 125, 189
Decimal	5674429
CIE Lab	59.00, -8.73, -26.96
CIE LCh	59, 28.340, 252.051
Yxy	27.0277, 0.2306, 0.2633
Android (android.graphics.Color)	4283864509 (0xFF5695BD)
YUV	134.7230, 26.7586, -42.7301
Hunter-Lab	51.9882, -9.7339, -22.8438

Details

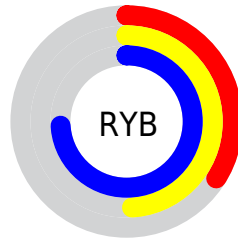
The CIELCh color **59, 28.340, 252.051** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **58, 37.481, 57.508**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 28.247, 251.636**, and **39, 28.665, 253.063** is the 20% darker color. If you saturate the color by 10%, you get **56, 32.597, 255.199**, and if you desaturate by 10%, it is **62, 23.755, 249.445**.

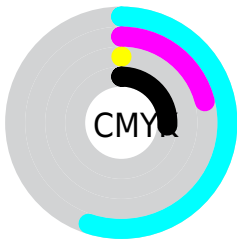
Distribution



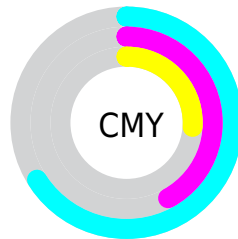
- Red (34%)
- Green (58%)
- Blue (74%)



- Red (34%)
- Yellow (49%)
- Blue (74%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)





- Cyan (66%)
- Magenta (42%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 28.340, 252.051 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, 28.340, 252.051 by changing the saturation by 10% instead.


 59, 28.340,
252.051


 59, 28.340,
252.051


 100, 28.340,
252.051


 49, 28.340,
252.051


 79, 28.340,
252.051

 39, 28.340,
252.051

 89, 28.340,
252.051

 29, 28.340,
252.051

 99, 28.340,
252.051

 19, 28.340,
252.051

 9, 28.340, 252.051

 0, 28.340, 252.051

■ 59, 28.340,
252.051

■ 59, 28.340,
252.051

■ 56, 32.597,
255.199

■ 62, 23.755,
249.445

■ 53, 36.553,
258.942

■ 65, 18.854,
247.309

■ 51, 40.284,
263.282

■ 68, 13.670,
245.566

■ 48, 43.916,
268.128

■ 72, 8.248, 244.154

■ 47, 45.934,
270.762

■ 75, 2.634, 243.089

■ 78, 3.130, 61.815

■ 82, 9.003, 61.100

■ 85, 14.952, 60.446

■ 89, 20.792, 60.243

Harmonies

Complementary

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



59, 28.340, 252.051



58, 37.481, 57.508

Rectangle

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



59, 28.340, 252.051



59, 28.340, 302.051



59, 28.340, 72.051



59, 28.340, 122.051

Sweetspot

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



59, 28.339, 252.051



90, 11.147, 244.368



69, 50.129, 152.317



47, 7.498, 244.644



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, 28.339, 252.051



71, 40.856, 256.069



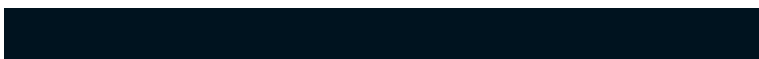
45, 54.131, 293.832



38, 3.230, 243.538



40, 39.888, 270.019



5, 10.351, 257.301

Inverse Universe

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



51, 50.999, 343.099



61, 72.999, 344.811



71, 48.042, 99.096



37, 5.380, 338.737



34, 61.603, 351.499



3, 14.993, 344.971

Previews

White Background



This preview shows how the CIELCh color 59, 28.340, 252.051 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, 28.340, 252.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

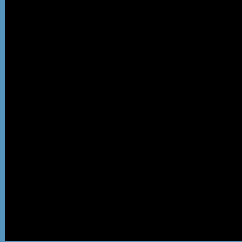
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

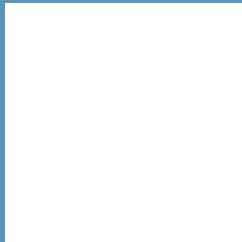
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 28.340, 252.051

Background



This preview shows how black text looks on a background with the CIELCh color 59, 28.340, 252.051.

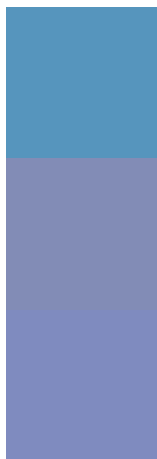


This preview shows how white text looks on a background with the CIELCh color 59, 28.340, 252.051.

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, 28.340, 252.051

Protanopia

59, 23.955, 284.782

Deuteranopia

59, 29.625, 285.938

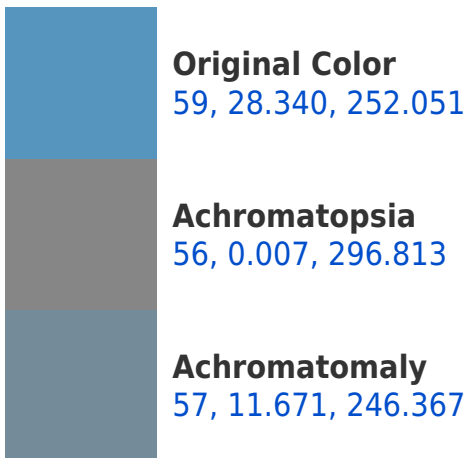


Tritanopia
59, 24.159, 213.964

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 28.340, 252.051 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(86, 149, 189)` looks like.

```
.text, #text, p{  
    color:rgb(86, 149, 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(86, 149, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 149, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 28.340, 252.051 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(86, 149, 189) }
```

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

```
.border{ border-color:rgb(86, 149, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 149, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 149, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 149, 189);  
box-shadow:4px 4px 4px 4px rgb(86, 149,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 28.340, 252.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 149, 189) }
```

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

```
.background{ background-color: rgb(86, 149,  
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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