

Converting Colors

CIELCh(59, 21.986, 240.706)

Have a look what the booklet for
CIELCh(59, 21.986, 240.706)
contains.

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Color

CIELCh(59, 21.986, 240.706)

Conversions

Conversions Part 1

Format	Color
Hex	5F95AF
RGB	95, 149, 175
RGB Percent	37%, 58%, 69%
CMY	0.6274, 0.4156, 0.3137
CMYK	0.46, 0.15, 0.00, 0.31
HSL	199°, 33%, 53%
HSV	199°, 46%, 69%
XYZ	23.2089, 27.0277, 44.5570
YIQ	135.8180, -40.5300, -3.3620

Conversions

Conversions Part 2

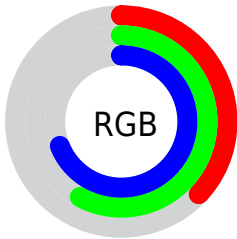
Format	Color
R _Y B	95, 127, 175
Decimal	6264239
CIE Lab	59.00, -10.76, -19.17
CIE LCh	59, 21.986, 240.706
Yxy	27.0277, 0.2448, 0.2851
Android (android.graphics.Color)	4284454319 (0xFF5F95AF)
YUV	135.8180, 19.3167, -35.7974
Hunter-Lab	51.9882, -11.2923, -14.4233

Details

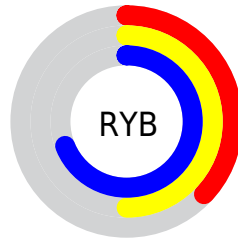
The CIELCh color **59, 21.986, 240.706** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **56, 28.935, 51.719**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 22.185, 241.202**, and **39, 21.878, 240.559** is the 20% darker color. If you saturate the color by 10%, you get **57, 25.842, 243.044**, and if you desaturate by 10%, it is **62, 17.726, 238.825**.

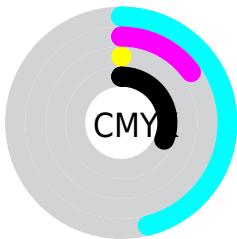
Distribution



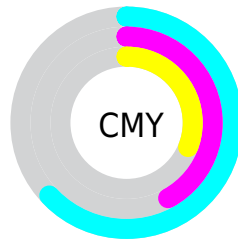
- Red (37%)
- Green (58%)
- Blue (69%)



- Red (37%)
- Yellow (50%)
- Blue (69%)



- Cyan (46%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (63%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 21.986, 240.706 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, 21.986, 240.706 by changing the saturation by 10% instead.

■ 59, 21.986,
240.706

■ 59, 21.986,
240.706

■ 100, 21.986,
240.706

■ 49, 21.986,
240.706

■ 79, 21.986,
240.706

■ 39, 21.986,
240.706

■ 89, 21.986,
240.706

■ 29, 21.986,
240.706

■ 99, 21.986,
240.706

■ 19, 21.986,
240.706

■ 9, 21.986, 240.706

■ 0, 21.986, 240.706

■ 59, 21.986,
240.706

■ 59, 21.986,
240.706

■ 57, 25.842,
243.044

■ 62, 17.726,
238.825

■ 54, 29.270,
245.928

■ 64, 13.112,
237.325

■ 52, 32.280,
249.433

■ 67, 8.197, 236.139

■ 50, 34.933,
253.595

■ 70, 3.038, 235.267

■ 73, 2.312, 54.154

■ 48, 37.353,
258.359

■ 76, 7.809, 53.668

■ 47, 38.412,
260.409

■ 79, 13.413, 53.190

■ 82, 19.091, 52.793

■ 85, 24.817, 52.468

Harmonies

Complementary

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



59, 21.986, 240.706



56, 28.935, 51.719

Rectangle

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



59, 21.986, 240.706



59, 21.986, 290.706



59, 21.986, 60.706



59, 21.986, 110.706

Sweetspot

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



59, 21.985, 240.704



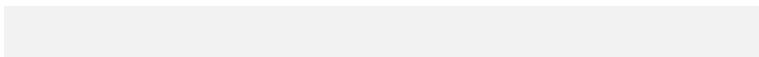
85, 9.052, 235.989



65, 42.254, 150.819



45, 6.272, 236.208



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 21.985, 240.704



72, 31.487, 243.106



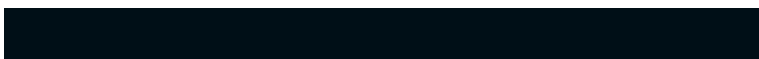
48, 38.591, 288.551



35, 2.970, 235.533



41, 34.135, 259.727



4, 6.522, 246.028

Inverse Universe

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



51, 42.541, 338.901



61, 61.896, 339.922



66, 36.063, 96.118



34, 5.246, 335.919



33, 61.509, 346.374



2, 10.292, 339.464

Previews

White Background



This preview shows how the CIE LCh color 59, 21.986, 240.706 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, 21.986, 240.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

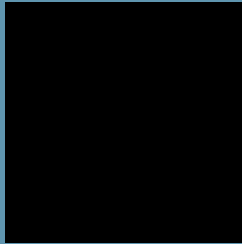
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

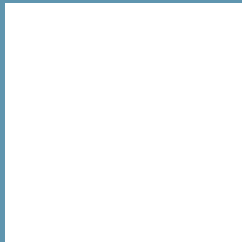
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 21.986, 240.706

Background



This preview shows how black text looks on a background with the CIELCh color 59, 21.986, 240.706.



This preview shows how white text looks on a background with the CIELCh color 59, 21.986, 240.706.

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, 21.986, 240.706

Protanopia

59, 16.511, 285.884

Deuteranopia

59, 21.561, 290.761



Tritanopia
59, 20.416, 217.419

Trichromacy



Original Color
59, 21.986, 240.706

Protanomaly
59, 17.457, 265.198

Deuteranomaly
59, 19.754, 271.232

Tritanomaly
59, 20.626, 226.044

Monochromacy



Original Color
59, 21.986, 240.706

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 8.817, 234.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 21.986, 240.706 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(95, 149, 175)` looks like.

```
.text, #text, p{  
    color:rgb(95, 149, 175)  
}
```

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(95, 149, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 149, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 21.986, 240.706 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(95, 149, 175) }
```

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

```
.border{ border-color:rgb(95, 149, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 149, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 149, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 149, 175);  
box-shadow:4px 4px 4px 4px rgb(95, 149,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 21.986, 240.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 149, 175) }
```

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

```
.background{ background-color: rgb(95, 149,  
175) }
```

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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