

Converting Colors

CIELCh(59, 19.827, 277.910)

Have a look what the booklet for
CIELCh(59, 19.827, 277.910)
contains.

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Color

CIELCh(59, 19.773, 277.338)

Conversions

Conversions Part 1

Format	Color
Hex	7F8EB0
RGB	127, 142, 176
RGB Percent	50%, 56%, 69%
CMY	0.5016, 0.4428, 0.3095
CMYK	0.28, 0.19, 0.00, 0.31
HSL	222°, 24%, 59%
HSV	222°, 28%, 69%
XYZ	26.2958, 27.0277, 44.9512
YIQ	141.3910, -19.8540, 7.3940

Conversions

Conversions Part 2

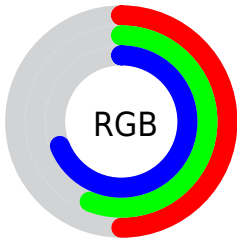
Format	Color
RYB	127, 138, 176
Decimal	8359600
CIELab	59.00, 2.53, -19.61
CIELCh	59, 19.773, 277.338
Yxy	27.0277, 0.2676, 0.2750
Android (android.graphics.Color)	4286549680 (0xFF7F8EB0)
YUV	141.3910, 17.0622, -12.6209
Hunter-Lab	51.9882, -0.6934, -14.8729

Details

The CIELCh color `59, 19.773, 277.338` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `67, 19.717, 89.767`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `79, 19.721, 277.267`, and `39, 19.559, 276.549` is the 20% darker color. If you saturate the color by 10%, you get `54, 27.143, 279.284`, and if you desaturate by 10%, it is `64, 12.549, 275.670`.

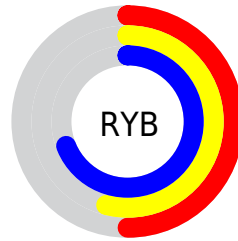
Distribution



Red (50%)

Green (56%)

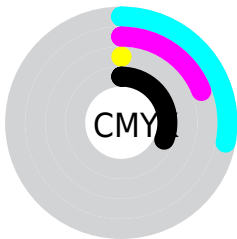
Blue (69%)



Red (50%)

Yellow (54%)

Blue (69%)

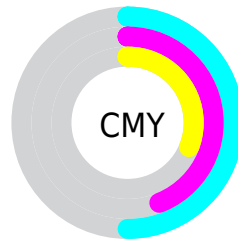


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (50%)


Magenta (44%)


Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 19.773, 277.338 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, 19.773, 277.338 by changing the saturation by 10% instead.


 59, 19.773,
277.338


 59, 19.773,
277.338


 100, 19.773,
277.338


 49, 19.773,
277.338


 79, 19.773,
277.338

 39, 19.773,
277.338

 89, 19.773,
277.338

 29, 19.773,
277.338

 99, 19.773,
277.338

 19, 19.773,
277.338

 9, 19.773, 277.338

 0, 19.773, 277.338

■ 59, 19.773,
277.338

■ 59, 19.773,
277.338

■ 54, 27.143,
279.284

■ 64, 12.549,
275.670

■ 50, 34.680,
281.554

■ 68, 5.463, 274.257

■ 73, 1.491, 92.849

■ 45, 42.409,
284.172

■ 77, 8.316, 91.892

■ 41, 50.358,
287.142

■ 82, 15.013, 90.971

■ 37, 58.537,
290.415

■ 87, 21.583, 90.159

■ 91, 28.027, 89.441

■ 33, 66.886,
293.867

■ 95, 32.983, 97.237

■ 30, 75.211,
297.261

■ 98, 38.210,
105.523

■ 29, 76.993,

297.926

Harmonies

Complementary

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



59, 19.773, 277.338



67, 19.717, 89.767

Rectangle

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



59, 19.773, 277.338



59, 19.773, 327.338



59, 19.773, 97.338



59, 19.773, 147.338

Sweetspot

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



59, 19.772, 277.336



87, 6.926, 274.297



68, 19.787, 172.133



45, 4.923, 274.492



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, 19.772, 277.336



72, 29.245, 278.419



56, 28.385, 299.667



35, 4.001, 274.453



25, 68.620, 297.532



2, 10.367, 278.132

Inverse Universe

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



58, 21.257, 358.501



72, 31.497, 359.298



70, 26.691, 115.413



35, 4.234, 356.349



32, 59.446, 19.641



2, 9.722, 0.514

Previews

White Background



This preview shows how the CIELCh color 59, 19.773, 277.338 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, 19.773, 277.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

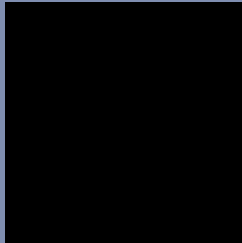
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

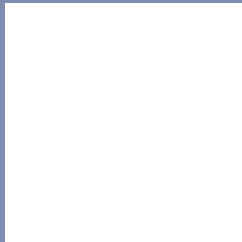
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 19.773, 277.338

Background



This preview shows how black text looks on a background with the CIELCh color 59, 19.773, 277.338.

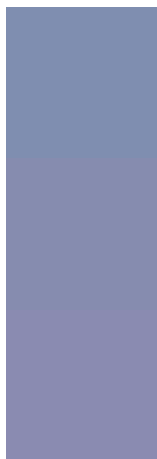


This preview shows how white text looks on a background with the CIELCh color 59, 19.773, 277.338.

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

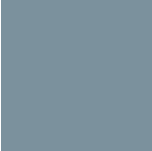
59, 19.773, 277.338

Protanopia

59, 19.910, 286.415

Deuteranopia

59, 21.559, 291.677



Tritanopia
59, 10.279, 240.491

Trichromacy



Original Color
59, 19.773, 277.338

Protanomaly
59, 19.483, 282.148

Deuteranomaly
59, 21.032, 286.895

Tritanomaly
59, 13.152, 258.985

Monochromacy



Original Color
59, 19.773, 277.338

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 7.571, 276.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 19.773, 277.338 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(127, 142, 176)` looks like.

```
.text, #text, p{  
    color:rgb(127, 142, 176)  
}
```

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(127, 142, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 142, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 19.773, 277.338 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(127, 142, 176) }
```

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

```
.border{ border-color:rgb(127, 142, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 142, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 142, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 142, 176);  
box-shadow:4px 4px 4px 4px rgb(127, 142,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 19.773, 277.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 142, 176) }
```

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

```
.background{ background-color: rgb(127,  
142, 176) }
```

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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