

Converting Colors

CIELCh(59, 11.639, 237.276)

Have a look what the booklet for
CIELCh(59, 11.639, 237.276)
contains.

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Color

CIELCh(59, 11.627, 238.267)

Conversions

Conversions Part 1

Format	Color
Hex	78929F
RGB	120, 146, 159
RGB Percent	47%, 57%, 62%
CMY	0.5296, 0.4277, 0.3767
CMYK	0.25, 0.08, 0.00, 0.38
HSL	200°, 17%, 55%
HSV	200°, 25%, 62%
XYZ	24.2586, 27.0277, 36.7097
YIQ	139.7080, -19.6690, -1.4690

Conversions

Conversions Part 2

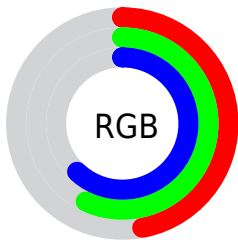
Format	Color
R_{YB}	120, 136, 159
Decimal	7901855
CIE _{Lab}	59.00, -6.12, -9.89
CIE _{LCh}	59, 11.627, 238.267
Yxy	27.0277, 0.2757, 0.3071
Android (android.graphics.Color)	4286091935 (0xFF78929F)
YUV	139.7080, 9.5110, -17.2839
Hunter-Lab	51.9882, -7.6882, -5.4738

Details

The CIELCh color $59, 11.627, 238.267$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $58, 13.248, 53.843$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 11.716, 238.719$, and $39, 11.807, 237.202$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.955, 239.743$, and if you desaturate by 10%, it is $62, 7.038, 237.085$.

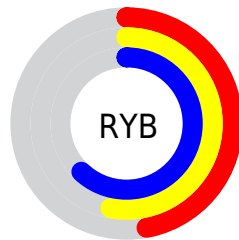
Distribution



Red (47%)

Green (57%)

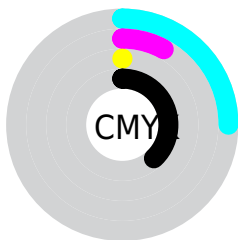
Blue (62%)



Red (47%)

Yellow (53%)

Blue (62%)

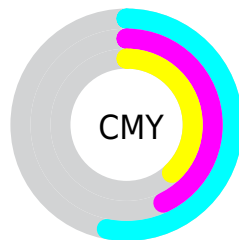


Cyan (25%)

Magenta (8%)

Yellow (0%)

Black (38%)



Cyan (53%)


Magenta (43%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 11.627, 238.267 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, 11.627, 238.267 by changing the saturation by 10% instead.


 59, 11.627,
238.267


 59, 11.627,
238.267


 100, 11.627,
238.267


 49, 11.627,
238.267


 79, 11.627,
238.267

 39, 11.627,
238.267

 89, 11.627,
238.267

 29, 11.627,
238.267

 99, 11.627,
238.267

 19, 11.627,
238.267

 9, 11.627, 238.267

 0, 11.627, 238.267

■ 59, 11.627,
238.267

■ 59, 11.627,
238.267

■ 56, 15.955,
239.743

■ 62, 7.038, 237.085

■ 64, 2.238, 236.245

■ 54, 19.975,
241.592

■ 67, 2.727, 55.132

■ 52, 23.642,
243.885

■ 70, 7.818, 54.599

■ 49, 26.933,
246.705

■ 72, 12.999, 54.107

■ 75, 18.244, 53.697

■ 47, 29.852,
250.125

■ 78, 23.529, 53.357

■ 45, 32.448,
254.185

■ 81, 28.835, 53.075

■ 83, 31.360, 55.918

■ 43, 34.823,
258.849

■ 42, 36.141,

261.415

Harmonies

Complementary

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



59, 11.627, 238.267



58, 13.248, 53.843

Rectangle

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



59, 11.627, 238.267



59, 11.627, 288.267



59, 11.627, 58.267



59, 11.627, 108.267

Sweetspot

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



59, 11.627, 238.261



81, 4.255, 236.410



62, 21.255, 153.087



43, 2.784, 236.452



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 11.627, 238.261



74, 16.805, 238.963



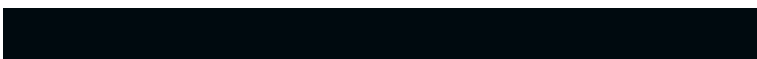
54, 18.493, 284.583



32, 2.754, 236.581



38, 33.241, 260.897



2, 3.680, 239.956

Inverse Universe

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



55, 21.234, 337.431



68, 31.081, 337.837



63, 17.944, 98.639



31, 4.830, 336.264



31, 58.973, 346.886



1, 6.118, 337.153

Previews

White Background



This preview shows how the CIELCh color 59, 11.627, 238.267 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, 11.627, 238.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

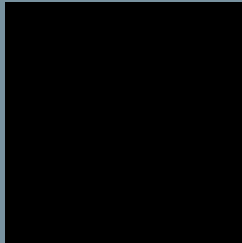
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

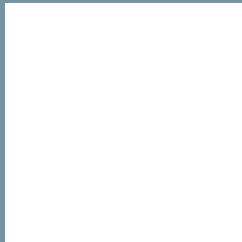
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 11.627, 238.267

Background



This preview shows how black text looks on a background with the CIELCh color 59, 11.627, 238.267.



This preview shows how white text looks on a background with the CIELCh color 59, 11.627, 238.267.

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, 11.627, 238.267

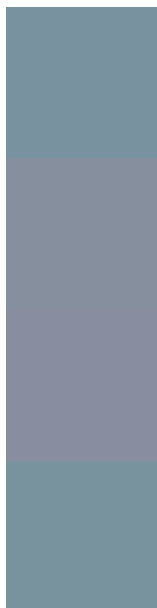
Protanopia
59, 8.509, 288.644

Deuteranopia
59, 13.533, 305.917



Tritanopia
59, 11.319, 235.846

Trichromacy



Original Color
59, 11.627, 238.267

Protanomaly
59, 8.657, 265.993

Deuteranomaly
59, 10.844, 283.649

Tritanomaly
59, 11.319, 235.846

Monochromacy



Original Color
59, 11.627, 238.267

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 4.386, 239.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 11.627, 238.267 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(120, 146, 159)` looks like.

```
.text, #text, p{  
    color:rgb(120, 146, 159)  
}
```

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(120, 146, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 146, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 11.627, 238.267 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(120, 146, 159) }
```

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

```
.border{ border-color:rgb(120, 146, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 146, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 146, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 146, 159); box-shadow:4px 4px 4px 4px rgb(120, 146, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 11.627, 238.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 146, 159) }
```

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

```
.background{ background-color: rgb(120,  
146, 159) }
```

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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