

Converting Colors

CIELCh(59, 15.075, 278.268)

Have a look what the booklet for
CIELCh(59, 15.075, 278.268)
contains.

CIELCh(59, 15.057, 278.249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 15.057, 278.249)

Conversions

Conversions Part 1

Format	Color
Hex	848EA8
RGB	132, 142, 168
RGB Percent	52%, 56%, 66%
CMY	0.4828, 0.4436, 0.3417
CMYK	0.21, 0.15, 0.00, 0.34
HSL	223°, 17%, 59%
HSV	223°, 21%, 66%
XYZ	26.2075, 27.0277, 40.8198
YIQ	141.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

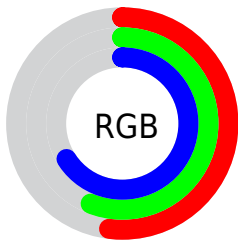
Format	Color
R_{YB}	132, 140, 168
Decimal	8687272
CIE _{Lab}	59.00, 2.16, -14.90
CIE _{LCh}	59, 15.057, 278.249
Yxy	27.0277, 0.2786, 0.2874
Android (android.graphics.Color)	4286877352 (0xFF848EA8)
YUV	141.9740, 12.8308, -8.7472
Hunter-Lab	51.9882, -0.9966, -10.1612

Details

The CIELCh color $59, 15.057, 278.249$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $65, 14.930, 92.715$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 14.809, 276.800$, and $39, 15.025, 278.272$ is the 20% darker color. If you saturate the color by 10%, you get $54, 22.325, 279.969$, and if you desaturate by 10%, it is $64, 7.950, 276.775$.

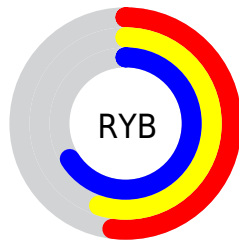
Distribution



Red (52%)

Green (56%)

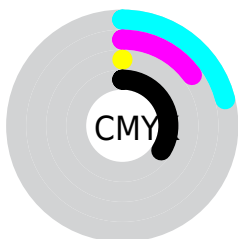
Blue (66%)



Red (52%)

Yellow (55%)

Blue (66%)

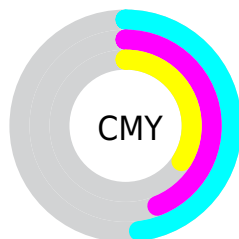


Cyan (21%)

Magenta (15%)

Yellow (0%)

Black (34%)



Cyan (48%)


Magenta (44%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 15.057, 278.249 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, 15.057, 278.249 by changing the saturation by 10% instead.


 59, 15.057,
278.249


 59, 15.057,
278.249


 100, 15.057,
278.249


 49, 15.057,
278.249


 79, 15.057,
278.249

 39, 15.057,
278.249

 89, 15.057,
278.249

 29, 15.057,
278.249

 99, 15.057,
278.249

 19, 15.057,
278.249

 9, 15.057, 278.249

 0, 15.057, 278.249

■ 59, 15.057,
278.249

■ 59, 15.057,
278.249

■ 54, 22.325,
279.969

■ 64, 7.950, 276.775

■ 50, 29.774,
281.980

■ 68, 0.998, 275.657

■ 73, 5.807, 94.345

■ 45, 37.424,
284.312

■ 77, 12.469, 93.403

■ 41, 45.302,
286.984

■ 82, 18.992, 92.571

■ 86, 25.378, 91.836

■ 37, 53.422,
289.977

■ 91, 31.630, 91.184

■ 33, 61.753,
293.212

■ 94, 36.652, 97.279

■ 29, 70.144,
296.531

■ 97, 41.753,
104.794

■ 26, 77.143,

Harmonies

Complementary

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



59, 15.057, 278.249



65, 14.930, 92.715

Rectangle

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



59, 15.057, 278.249



59, 15.057, 328.249



59, 15.057, 98.249



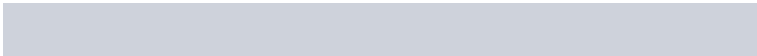
59, 15.057, 148.249

Sweetspot

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



59, 15.056, 278.246



84, 5.156, 276.091



66, 14.473, 175.136



44, 3.417, 276.166



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 15.056, 278.246



73, 22.817, 279.081



57, 20.832, 300.222



33, 3.932, 276.489



23, 69.552, 298.824



2, 7.420, 277.952

Inverse Universe

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



59, 15.410, 359.680



72, 23.432, 0.313



67, 19.920, 117.235



33, 3.977, 358.318



31, 58.697, 21.979



1, 6.987, 0.311

Previews

White Background



This preview shows how the CIELCh color 59, 15.057, 278.249 looks on a white background.

Color Contrast Check

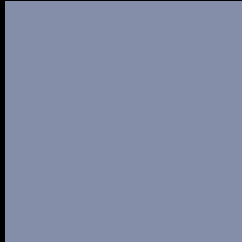
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.057, 278.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

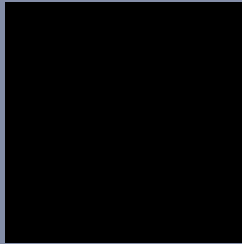
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

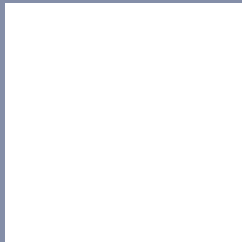
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 15.057, 278.249

Background



This preview shows how black text looks on a background with the CIELCh color 59, 15.057, 278.249.



This preview shows how white text looks on a background with the CIELCh color 59, 15.057, 278.249.

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, 15.057, 278.249

Protanopia

59, 14.776, 286.282

Deuteranopia

59, 17.115, 296.913



Tritanopia
59, 8.200, 248.758

Trichromacy



Original Color
59, 15.057, 278.249

Protanomaly
59, 14.846, 283.557

Deuteranomaly
59, 16.447, 290.793

Tritanomaly
59, 10.602, 264.946

Monochromacy



Original Color
59, 15.057, 278.249

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 5.293, 274.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 15.057, 278.249 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(132, 142, 168)` looks like.

```
.text, #text, p{  
    color:rgb(132, 142, 168)  
}
```

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(132, 142, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 142, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 15.057, 278.249 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(132, 142, 168) }
```

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

```
.border{ border-color:rgb(132, 142, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 142, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 142, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 142, 168);  
box-shadow:4px 4px 4px 4px rgb(132, 142,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 15.057, 278.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 142, 168) }
```

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

```
.background{ background-color: rgb(132,  
142, 168) }
```

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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