

Converting Colors

CIELCh(59, 10.365, 276.722)

Have a look what the booklet for
CIELCh(59, 10.365, 276.722)
contains.

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Color

CIELCh(59, 10.458, 277.203)

Conversions

Conversions Part 1

Format	Color
Hex	878EA0
RGB	135, 142, 160
RGB Percent	53%, 56%, 63%
CMY	0.4706, 0.4432, 0.3726
CMYK	0.16, 0.11, 0.00, 0.37
HSL	223°, 12%, 58%
HSV	223°, 16%, 63%
XYZ	26.0029, 27.0277, 37.0960
YIQ	141.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

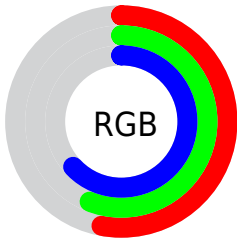
Format	Color
R_{YB}	135, 140, 160
Decimal	8883872
CIE _{Lab}	59.00, 1.31, -10.38
CIE _{LCh}	59, 10.458, 277.203
Yxy	27.0277, 0.2885, 0.2999
Android (android.graphics.Color)	4287073952 (0xFF878EA0)
YUV	141.9590, 8.8942, -6.1030
Hunter-Lab	51.9882, -1.6991, -5.9144

Details

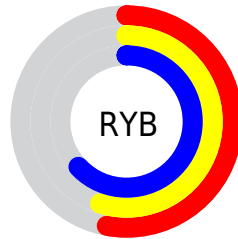
The CIELCh color $59, 10.458, 277.203$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 10.394, 93.276$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 10.466, 275.641$, and $39, 10.677, 277.228$ is the 20% darker color. If you saturate the color by 10%, you get $55, 17.332, 278.765$, and if you desaturate by 10%, it is $63, 3.730, 275.875$.

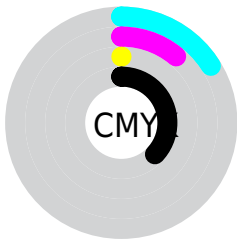
Distribution



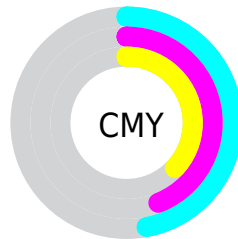
- Red (53%)
- Green (56%)
- Blue (63%)



- Red (53%)
- Yellow (55%)
- Blue (63%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (37%)





- Cyan (47%)
- Magenta (44%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 10.458, 277.203 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, 10.458, 277.203 by changing the saturation by 10% instead.


 59, 10.458,
277.203


 59, 10.458,
277.203


 100, 10.458,
277.203


 49, 10.458,
277.203


 79, 10.458,
277.203

 39, 10.458,
277.203

 89, 10.458,
277.203

 29, 10.458,
277.203

 99, 10.458,
277.203

 19, 10.458,
277.203

 9, 10.458, 277.203

 0, 10.458, 277.203

■ 59, 10.458,
277.203

■ 59, 10.458,
277.203

■ 55, 17.332,
278.765

■ 63, 3.730, 275.875

■ 50, 24.368,
280.597

■ 68, 2.856, 94.599

■ 72, 9.305, 93.629

■ 46, 31.581,
282.729

■ 76, 15.620, 92.752

■ 42, 38.993,
285.190

■ 81, 21.804, 91.979

■ 85, 27.861, 91.294

■ 37, 46.630,
287.988

■ 89, 33.792, 90.685

■ 33, 54.496,
291.085

■ 93, 38.724, 94.677

■ 30, 62.526,
294.373

■ 96, 43.281,
101.872

■ 26, 70.520,

297.655

■ 25, 73.936,
298.941

Harmonies

Complementary

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



59, 10.458, 277.203



63, 10.394, 93.276

Rectangle

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



59, 10.458, 277.203



59, 10.458, 327.203



59, 10.458, 97.203



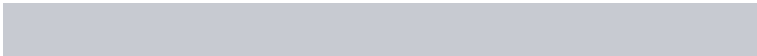
59, 10.458, 147.203

Sweetspot

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



59, 10.457, 277.198



81, 4.121, 275.813



64, 10.213, 175.729



42, 2.807, 275.890



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, 10.457, 277.198



73, 15.874, 277.755



58, 14.438, 299.739



31, 3.724, 276.322



22, 67.367, 298.614



1, 4.908, 276.169

Inverse Universe

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



59, 10.685, 358.841



73, 16.276, 359.267



65, 13.983, 117.624



31, 3.779, 358.152



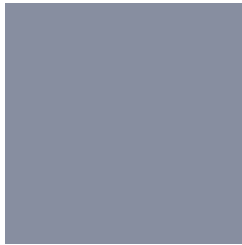
29, 57.089, 21.589



1, 4.817, 358.382

Previews

White Background



This preview shows how the CIE LCh color 59, 10.458, 277.203 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 CIE LCh color 59, 10.458, 277.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

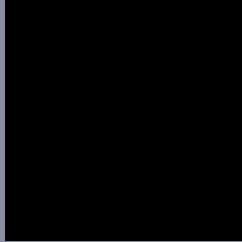
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

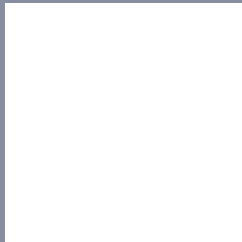
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 10.458, 277.203

Background



This preview shows how black text looks on a background with the CIELCh color 59, 10.458, 277.203.



This preview shows how white text looks on a background with the CIELCh color 59, 10.458, 277.203.

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, 10.458, 277.203

Protanopia

59, 10.220, 287.209

Deuteranopia

59, 13.533, 305.917



Tritanopia
59, 7.002, 262.408

Trichromacy



Original Color
59, 10.458, 277.203

Protanomaly
59, 10.246, 285.162

Deuteranomaly
59, 12.607, 298.310

Tritanomaly
59, 8.006, 266.521

Monochromacy



Original Color
59, 10.458, 277.203

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 4.111, 274.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 10.458, 277.203 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(135, 142, 160)` looks like.

```
.text, #text, p{  
    color:rgb(135, 142, 160)  
}
```

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(135, 142, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 142, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 10.458, 277.203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

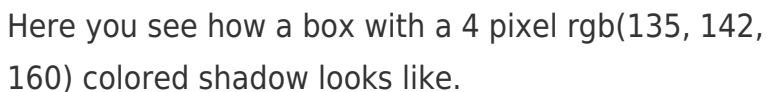
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 142, 160) }
```

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

```
.border{ border-color:rgb(135, 142, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 142, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 142, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 142, 160);  
box-shadow:4px 4px 4px 4px rgb(135, 142,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 10.458, 277.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 142, 160) }
```

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

```
.background{ background-color: rgb(135,  
142, 160) }
```

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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