

Converting Colors

CIELCh(59, 2.992, 239.541)

Have a look what the booklet for
CIELCh(59, 2.992, 239.541) contains.

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Color

CIELCh(59, 2.829, 236.344)

Conversions

Conversions Part 1

Format	Color
Hex	898F92
RGB	137, 143, 146
RGB Percent	54%, 56%, 57%
CMY	0.4628, 0.4393, 0.4276
CMYK	0.06, 0.02, 0.00, 0.43
HSL	200°, 4%, 55%
HSV	200°, 6%, 57%
XYZ	25.3171, 27.0277, 31.0658
YIQ	141.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

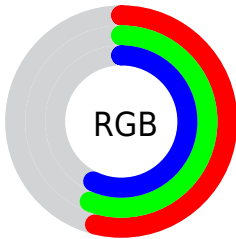
Format	Color
R_{YB}	137, 141, 146
Decimal	9015186
CIE _{Lab}	59.00, -1.57, -2.35
CIE _{LCh}	59, 2.829, 236.344
Yxy	27.0277, 0.3035, 0.3240
Android (android.graphics.Color)	4287205266 (0xFF898F92)
YUV	141.5480, 2.1948, -3.9886
Hunter-Lab	51.9882, -4.0538, 0.9627

Details

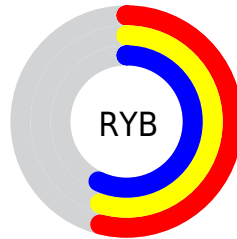
The CIELCh color $59, 2.829, 236.344$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 2.908, 55.060$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 2.971, 232.079$, and $39, 3.034, 236.558$ is the 20% darker color. If you saturate the color by 10%, you get $57, 7.279, 237.218$, and if you desaturate by 10%, it is $62, 1.781, 55.158$.

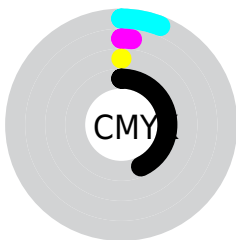
Distribution



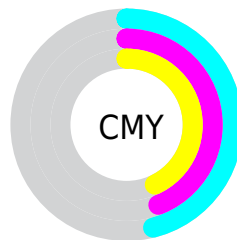
- Red (54%)
- Green (56%)
- Blue (57%)



- Red (54%)
- Yellow (55%)
- Blue (57%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 2.829, 236.344 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, 2.829, 236.344 by changing the saturation by 10% instead.

■ 59, 2.829, 236.344

■ 59, 2.829, 236.344

■ 100, 2.829,
236.344

■ 49, 2.829, 236.344

■ 79, 2.829, 236.344

■ 39, 2.829, 236.344

■ 89, 2.829, 236.344

■ 29, 2.829, 236.344

■ 99, 2.829, 236.344

■ 19, 2.829, 236.344

■ 9, 2.829, 236.344

■ 0, 2.829, 236.344

■ 59, 2.829, 236.344

■ 59, 2.829, 236.344

■ 57, 7.279, 237.218

■ 62, 1.781, 55.158

■ 54, 11.526,

■ 64, 6.512, 54.668

238.427

67, 11.333, 54.165

52, 15.526,
239.944

69, 16.217, 53.744

50, 19.233,
241.833

72, 21.141, 53.395

47, 22.610,
244.170

75, 26.089, 53.105

45, 25.636,
247.036

77, 31.044, 52.863

43, 28.320,
250.501

80, 35.996, 52.661

41, 30.712,
254.597

40, 32.927,
259.236

Harmonies

Complementary

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



59, 2.829, 236.344



59, 2.908, 55.060

Rectangle

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



59, 2.829, 236.344



59, 2.829, 286.344



59, 2.829, 56.344



59, 2.829, 106.344

Sweetspot

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



59, 2.829, 236.311



76, 1.142, 236.233



60, 4.956, 154.604



40, 0.647, 236.250



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



59, 2.829, 236.311



74, 3.953, 236.381



58, 4.221, 282.101



30, 2.091, 236.398



37, 32.301, 260.674



2, 2.317, 235.678

Inverse Universe

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



58, 4.922, 336.017



73, 6.897, 336.092



60, 4.180, 100.693



30, 3.651, 336.110



30, 57.477, 346.787



1, 3.967, 335.651

Previews

White Background



This preview shows how the CIELCh color 59, 2.829, 236.344 looks on a white background.

Color Contrast Check

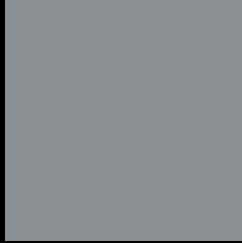
Large Text (above 18pt) WCAG AA ✓ Pass

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, 2.829, 236.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

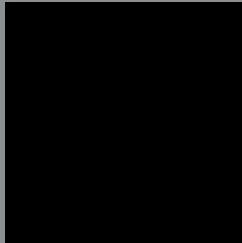
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

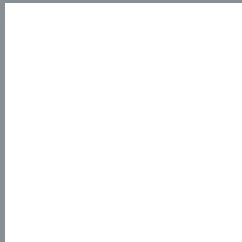
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 2.829, 236.344

Background



This preview shows how black text looks on a background with the CIELCh color 59, 2.829, 236.344.



This preview shows how white text looks on a background with the CIELCh color 59, 2.829, 236.344.

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

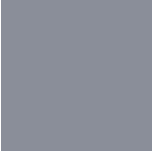
59, 2.829, 236.344

Protanopia

59, 2.411, 309.146

Deuteranopia

59, 7.781, 339.317



Tritanopia
59, 6.384, 277.322

Trichromacy



Original Color

59, 2.829, 236.344

Protanomaly

59, 1.742, 277.630

Deuteranomaly

59, 4.832, 324.653

Tritanomaly

59, 4.755, 272.170

Monochromacy



Original Color

59, 2.829, 236.344

Achromatopsia

59, 0.008, 296.813

Achromatomaly

59, 0.955, 236.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 2.829, 236.344 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(137, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(137, 143, 146)  
}
```

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(137, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 143, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 2.829, 236.344 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(137, 143, 146) }
```

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

```
.border{ border-color:rgb(137, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(137, 143,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 2.829, 236.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 143, 146) }
```

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

```
.background{ background-color: rgb(137,  
143, 146) }
```

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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