

Converting Colors

CIELCh(61, 8.999, 260.915)

Have a look what the booklet for
CIELCh(61, 8.999, 260.915) contains.

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Color

CIELCh(61, 9.076, 259.700)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8895A3 |
| RGB | 136, 149, 163 |
| RGB Percent | 53%, 58%, 64% |
| CMY | 0.4678, 0.4168, 0.3619 |
| CMYK | 0.17, 0.09, 0.00, 0.36 |
| HSL | 211°, 13%, 59% |
| HSV | 211°, 17%, 64% |
| XYZ | 27.3937, 29.2481, 38.7144 |
| YIQ | 146.7090, -12.2420, 1.5980 |

Conversions

Conversions Part 2

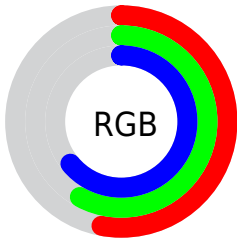
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 136, 145, 163 |
| Decimal | 8951203 |
| CIE _{Lab} | 61.00, -1.62, -8.93 |
| CIE _{LCh} | 61, 9.076, 259.700 |
| Yxy | 29.2481, 0.2873, 0.3067 |
| Android (android.graphics.Color) | 4287141283 (0xFF8895A3) |
| YUV | 146.7090, 8.0315, -9.3918 |
| Hunter-Lab | 54.0815, -4.2279, -4.5858 |

Details

The CIELCh color **61, 9.076, 259.700** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 9.416, 75.330**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 9.068, 260.981**, and **41, 9.004, 260.691** is the 20% darker color. If you saturate the color by 10%, you get **57, 14.485, 261.382**, and if you desaturate by 10%, it is **65, 3.618, 258.300**.

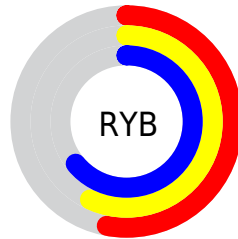
Distribution



Red (53%)

Green (58%)

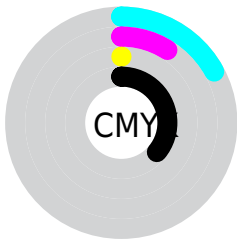
Blue (64%)



Red (53%)

Yellow (57%)

Blue (64%)

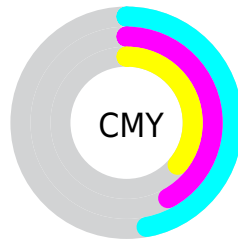


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.076, 259.700 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 61, 9.076, 259.700 by changing the saturation by 10% instead.

■ 61, 9.076, 259.700

■ 61, 9.076, 259.700

■ 100, 9.076,
259.700

■ 51, 9.076, 259.700

■ 81, 9.076, 259.700

■ 41, 9.076, 259.700

■ 91, 9.076, 259.700

■ 31, 9.076, 259.700

■ 21, 9.076, 259.700

■ 11, 9.076, 259.700

■ 1, 9.076, 259.700

■ 0, 9.076, 259.700

■ 61, 9.076, 259.700

■ 61, 9.076, 259.700

■ 57, 14.485,

■ 65, 3.618, 258.300

261.382



68, 1.867, 76.825

54, 19.833,
263.391



72, 7.363, 75.893

51, 25.107,
265.769



75, 12.855, 75.002

47, 30.308,
268.569



79, 18.329, 74.219

44, 35.458,
271.827



86, 29.180, 72.923

41, 40.600,
275.543



88, 32.029, 78.698

38, 45.801,
279.654



91, 34.225, 86.721

35, 51.136,
283.982

34, 53.012,
285.369

Harmonies

Complementary

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



61, 9.076, 259.700



63, 9.416, 75.330

Rectangle

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



61, 9.076, 259.700



61, 9.076, 309.700



61, 9.076, 79.700



61, 9.076, 129.700

Sweetspot

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



61, 9.075, 259.692



83, 3.404, 258.128



65, 12.600, 163.161



44, 2.340, 258.203



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 9.075, 259.692



76, 13.533, 260.297



57, 15.401, 292.562



33, 3.111, 258.640



30, 48.339, 284.912



2, 5.047, 261.999

Inverse Universe

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



59, 12.868, 346.062



74, 19.290, 346.431



66, 14.838, 109.305



32, 4.362, 345.377



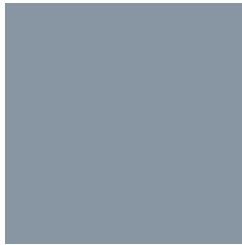
31, 55.678, 2.827



1, 6.510, 347.232

Previews

White Background



This preview shows how the CIELCh color 61, 9.076, 259.700 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 61, 9.076, 259.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

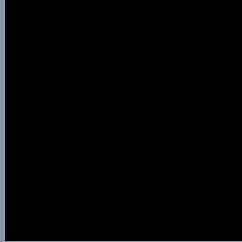
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

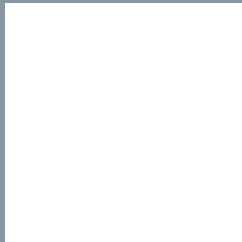
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 9.076, 259.700

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.076, 259.700.

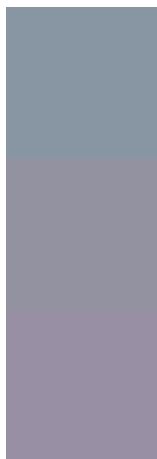


This preview shows how white text looks on a background with the CIELCh color 61, 9.076, 259.700.

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

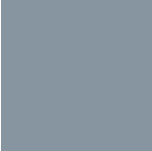
61, 9.076, 259.700

Protanopia

61, 8.453, 291.122

Deuteranopia

61, 12.471, 308.810



Tritanopia
61, 8.359, 253.276

Trichromacy



Original Color
61, 9.076, 259.700

Protanomaly
61, 8.607, 278.783

Deuteranomaly
61, 10.753, 295.298

Tritanomaly
61, 8.801, 255.646

Monochromacy



Original Color
61, 9.076, 259.700

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.368, 256.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.076, 259.700 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(136, 149, 163)` looks like.

```
.text, #text, p{  
    color:rgb(136, 149, 163)  
}
```

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(136, 149, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 149, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.076, 259.700 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(136, 149, 163) }
```

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

```
.border{ border-color:rgb(136, 149, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 149, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 149, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 149, 163);  
box-shadow:4px 4px 4px 4px rgb(136, 149,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.076, 259.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 149, 163) }
```

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

```
.background{ background-color: rgb(136,  
149, 163) }
```

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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