

Converting Colors

CIELCh(61, 5.179, 278.172)

Have a look what the booklet for
CIELCh(61, 5.179, 278.172) contains.

CIELCh(61, 5.174, 278.180)	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(61, 5.174, 278.180)

Conversions

Conversions Part 1

Format	Color
Hex	90939C
RGB	144, 147, 156
RGB Percent	56%, 58%, 61%
CMY	0.4348, 0.4231, 0.3878
CMYK	0.08, 0.06, 0.00, 0.39
HSL	225°, 6%, 59%
HSV	225°, 8%, 61%
XYZ	27.9849, 29.2481, 35.6758
YIQ	147.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

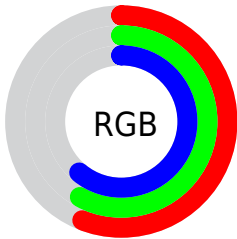
Format	Color
RYB	144, 146, 156
Decimal	9474972
CIELab	61.00, 0.74, -5.12
CIElCh	61, 5.174, 278.180
Yxy	29.2481, 0.3012, 0.3148
Android (android.graphics.Color)	4287665052 (0xFF90939C)
YUV	147.1290, 4.3734, -2.7441
Hunter-Lab	54.0815, -2.2766, -1.2546

Details

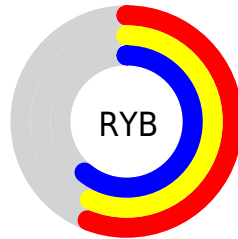
The CIELCh color **61, 5.174, 278.180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 5.136, 96.308**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 4.888, 277.958**, and **41, 4.978, 276.942** is the 20% darker color. If you saturate the color by 10%, you get **57, 12.037, 279.515**, and if you desaturate by 10%, it is **65, 1.528, 96.860**.

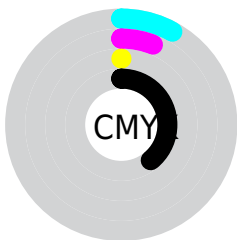
Distribution



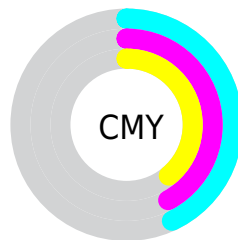
- Red (56%)
- Green (58%)
- Blue (61%)



- Red (56%)
- Yellow (57%)
- Blue (61%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (43%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.174, 278.180 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, 5.174, 278.180 by changing the saturation by 10% instead.

■ 61, 5.174, 278.180

■ 61, 5.174, 278.180

■ 100, 5.174,
278.180

■ 51, 5.174, 278.180

■ 81, 5.174, 278.180

■ 41, 5.174, 278.180

■ 91, 5.174, 278.180

■ 31, 5.174, 278.180

■ 21, 5.174, 278.180

■ 11, 5.174, 278.180

■ 1, 5.174, 278.180

■ 0, 5.174, 278.180

■ 61, 5.174, 278.180

■ 61, 5.174, 278.180

■ 57, 12.037,

■ 65, 1.528, 96.860

279.515

70, 8.073, 95.923

52, 19.075,
281.098

74, 14.468, 95.044

48, 26.303,
282.945

79, 20.717, 94.269

43, 33.741,
285.091

83, 26.826, 93.584

39, 41.412,
287.558

91, 38.639, 92.434

35, 49.331,
290.341

94, 43.158, 99.201

97, 48.093,
105.282

31, 57.472,
293.383

27, 65.700,
296.550

24, 73.704,
299.586

Harmonies

Complementary

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



61, 5.174, 278.180



63, 5.136, 96.308

Rectangle

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



61, 5.174, 278.180



61, 5.174, 328.180



61, 5.174, 98.180



61, 5.174, 148.180

Sweetspot

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



61, 5.173, 278.167



81, 1.669, 277.566



63, 4.914, 177.707



43, 0.947, 277.558



91, 0.011, 296.813



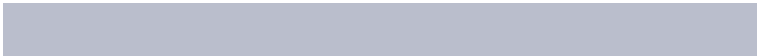
43, 0.006, 296.813

Same Dimension

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



61, 5.173, 278.167



77, 7.542, 278.353



60, 6.876, 299.767



31, 3.850, 278.363



21, 70.189, 299.958



1, 5.060, 278.073

Inverse Universe

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



61, 4.999, 0.130



77, 7.302, 0.289



64, 6.762, 118.799



31, 3.728, 0.298



29, 57.976, 24.164



1, 4.751, 0.448

Previews

White Background



This preview shows how the CIELCh color 61, 5.174, 278.180 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 61, 5.174, 278.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

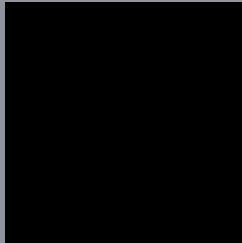
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

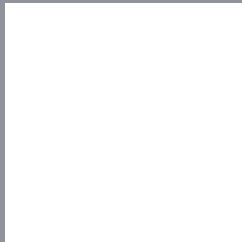
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.174, 278.180

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.174, 278.180.



This preview shows how white text looks on a background with the CIELCh color 61, 5.174, 278.180.

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, 5.174, 278.180

Protanopia

61, 5.656, 294.636

Deuteranopia

61, 9.570, 324.897



Tritanopia
61, 6.275, 280.595

Trichromacy



Original Color
61, 5.174, 278.180

Protanomaly
61, 5.638, 290.815

Deuteranomaly
61, 7.972, 313.315

Tritanomaly
61, 5.723, 279.497

Monochromacy



Original Color
61, 5.174, 278.180

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.732, 277.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.174, 278.180 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(144, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(144, 147, 156)  
}
```

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(144, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 147, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.174, 278.180 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(144, 147, 156) }
```

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

```
.border{ border-color:rgb(144, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(144, 147,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.174, 278.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 147, 156) }
```

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

```
.background{ background-color: rgb(144,  
147, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor