

Converting Colors

CIELCh(61, 5.442, 254.974)

Have a look what the booklet for
CIELCh(61, 5.442, 254.974) contains.

CIELCh(61, 5.352, 256.786)	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, 5.352, 256.786)

Conversions

Conversions Part 1

Format	Color
Hex	8C949C
RGB	140, 148, 156
RGB Percent	55%, 58%, 61%
CMY	0.4501, 0.4188, 0.3874
CMYK	0.10, 0.05, 0.00, 0.39
HSL	210°, 7%, 58%
HSV	210°, 10%, 61%
XYZ	27.4932, 29.2481, 35.7449
YIQ	146.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

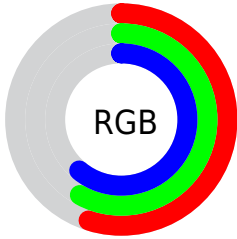
Format	Color
R_{YB}	140, 145, 156
Decimal	9213084
CIE _{Lab}	61.00, -1.22, -5.21
CIE _{LCh}	61, 5.352, 256.786
Yxy	29.2481, 0.2973, 0.3162
Android (android.graphics.Color)	4287403164 (0xFF8C949C)
YUV	146.5200, 4.6736, -5.7180
Hunter-Lab	54.0815, -3.8995, -1.3303

Details

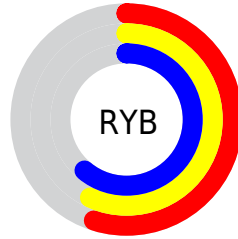
The CIELCh color $61, 5.352, 256.786$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 5.479, 74.132$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.071, 256.467$, and $41, 5.539, 260.821$ is the 20% darker color. If you saturate the color by 10%, you get $58, 10.518, 258.254$, and if you desaturate by 10%, it is $64, 0.135, 257.709$.

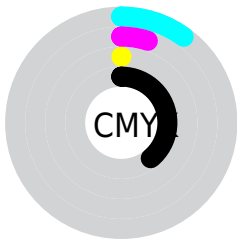
Distribution



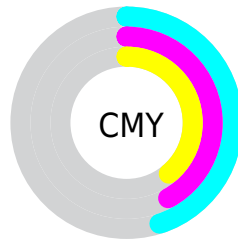
- Red (55%)
- Green (58%)
- Blue (61%)



- Red (55%)
- Yellow (57%)
- Blue (61%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.352, 256.786 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, 5.352, 256.786 by changing the saturation by 10% instead.

■ 61, 5.352, 256.786

■ 61, 5.352, 256.786

■ 100, 5.352,
256.786

■ 51, 5.352, 256.786

■ 81, 5.352, 256.786

■ 41, 5.352, 256.786

■ 91, 5.352, 256.786

■ 31, 5.352, 256.786

■ 21, 5.352, 256.786

■ 11, 5.352, 256.786

■ 1, 5.352, 256.786

■ 0, 5.352, 256.786

■ 61, 5.352, 256.786

■ 61, 5.352, 256.786

■ 58, 10.518,

■ 64, 0.135, 257.709

258.254

68, 5.113, 74.279

54, 15.614,
260.035

71, 10.373, 73.370

51, 20.623,
262.154

74, 15.631, 72.568

48, 25.534,
264.667

78, 20.874, 71.866

45, 30.351,
267.625

81, 26.090, 71.248

42, 35.099,
271.057

85, 31.273, 70.700

39, 39.829,
274.952

87, 33.870, 75.660

36, 44.614,
279.225

34, 49.434,
283.425

89, 35.607, 82.951

Harmonies

Complementary

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



61, 5.352, 256.786



62, 5.479, 74.132

Rectangle

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



61, 5.352, 256.786



61, 5.352, 306.786



61, 5.352, 76.786



61, 5.352, 126.786

Sweetspot

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



61, 5.351, 256.771



81, 1.958, 255.962



63, 7.716, 161.979



42, 1.479, 256.020



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, 5.351, 256.771



77, 7.782, 257.043



59, 8.930, 290.565



32, 2.984, 256.640



31, 45.940, 283.041



2, 4.000, 258.152

Inverse Universe

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



60, 7.726, 344.440



76, 11.272, 344.620



64, 8.731, 108.529



31, 4.301, 344.351



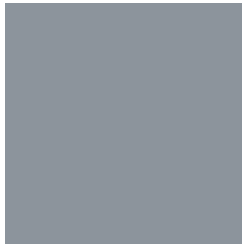
30, 55.133, 1.026



1, 5.468, 345.052

Previews

White Background



This preview shows how the CIELCh color 61, 5.352, 256.786 looks on a white background.

Color Contrast Check

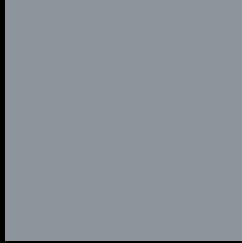
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.352, 256.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

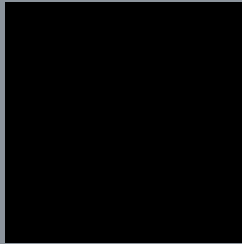
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

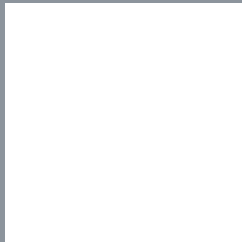
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.352, 256.786

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.352, 256.786.



This preview shows how white text looks on a background with the CIELCh color 61, 5.352, 256.786.

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, 5.352, 256.786

Protanopia

61, 5.094, 295.009

Deuteranopia

61, 9.570, 324.897



Tritanopia
61, 6.661, 267.955

Trichromacy



Original Color
61, 5.352, 256.786

Protanomaly
61, 4.557, 281.166

Deuteranomaly
61, 7.166, 309.386

Tritanomaly
61, 6.151, 265.793

Monochromacy



Original Color
61, 5.352, 256.786

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.848, 265.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.352, 256.786 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(140, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(140, 148, 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(140, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 148, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.352, 256.786 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(140, 148, 156) }
```

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

```
.border{ border-color:rgb(140, 148, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 148, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(140, 148,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.352, 256.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 148, 156) }
```

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

```
.background{ background-color: rgb(140,  
148, 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