

Converting Colors

CIELCh(61, 5.650, 263.254)

Have a look what the booklet for
CIELCh(61, 5.650, 263.254) contains.

CIELCh(61, 5.650, 263.254)	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, 5.650, 263.254)

Conversions

Conversions Part 1

Format	Color
Hex	8D949D
RGB	141, 148, 157
RGB Percent	55%, 58%, 62%
CMY	0.4473, 0.4199, 0.3846
CMYK	0.10, 0.06, 0.00, 0.38
HSL	214°, 8%, 58%
HSV	214°, 10%, 62%
XYZ	27.6330, 29.2481, 36.0571
YIQ	146.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

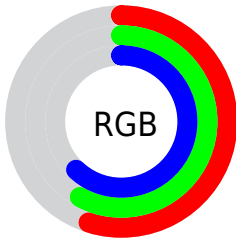
Format	Color
R_{YB}	141, 146, 157
Decimal	9278621
CIE Lab	61.00, -0.66, -5.61
CIE LCh	61, 5.650, 263.254
Yxy	29.2481, 0.2973, 0.3147
Android (android.graphics.Color)	4287468701 (0xFF8D949D)
YUV	146.9330, 4.9630, -5.2032
Hunter-Lab	54.0815, -3.4379, -1.6726

Details

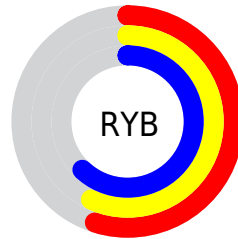
The CIELCh color $61, 5.650, 263.254$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 5.729, 80.552$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.822, 265.444$, and $41, 5.907, 267.284$ is the 20% darker color. If you saturate the color by 10%, you get $57, 11.190, 264.756$, and if you desaturate by 10%, it is $65, 0.114, 264.218$.

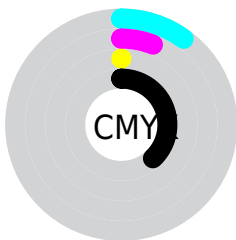
Distribution



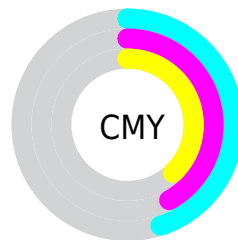
- Red (55%)
- Green (58%)
- Blue (62%)



- Red (55%)
- Yellow (57%)
- Blue (62%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.650, 263.254 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, 5.650, 263.254 by changing the saturation by 10% instead.

■ 61, 5.650, 263.254

■ 61, 5.650, 263.254

■ 100, 5.650,
263.254

■ 51, 5.650, 263.254

■ 81, 5.650, 263.254

■ 41, 5.650, 263.254

■ 91, 5.650, 263.254

■ 31, 5.650, 263.254

■ 21, 5.650, 263.254

■ 11, 5.650, 263.254

■ 1, 5.650, 263.254

■ 0, 5.650, 263.254

■ 61, 5.650, 263.254

■ 61, 5.650, 263.254

■ 57, 11.190,

■ 65, 0.114, 264.218

264.756



68, 5.405, 80.696

54, 16.725,
266.555



72, 10.895, 79.741

50, 22.247,
268.674



76, 16.347, 78.895

47, 27.757,
271.163



79, 21.753, 78.149

43, 33.268,
274.062



83, 27.106, 77.489

40, 38.811,
277.387



86, 32.401, 76.901

37, 44.433,
281.109



89, 35.280, 82.793

34, 50.186,
285.130

31, 56.001,
289.040

Harmonies

Complementary

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



61, 5.650, 263.254



62, 5.729, 80.552

Rectangle

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



61, 5.650, 263.254



61, 5.650, 313.254



61, 5.650, 83.254



61, 5.650, 133.254

Sweetspot

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



61, 5.649, 263.240



81, 2.063, 262.391



63, 7.346, 165.617



42, 1.559, 262.458



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, 5.649, 263.240



77, 8.234, 263.527



59, 9.081, 293.093



32, 3.153, 263.112



28, 51.822, 288.673



2, 4.212, 264.026

Inverse Universe

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



60, 7.408, 347.989



75, 10.829, 348.186



64, 8.874, 111.263



31, 4.129, 347.899



30, 54.823, 6.900



1, 5.256, 348.492

Previews

White Background



This preview shows how the CIELCh color 61, 5.650, 263.254 looks on a white background.

Color Contrast Check

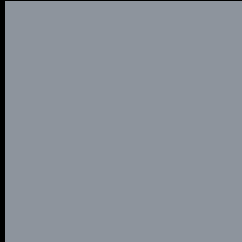
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.650, 263.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

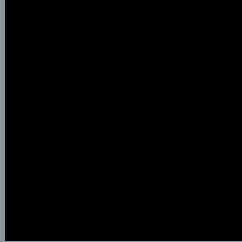
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

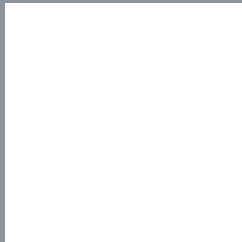
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.650, 263.254

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.650, 263.254.

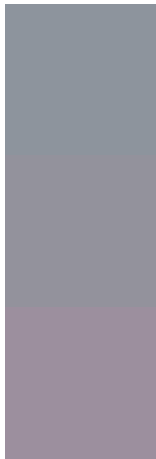


This preview shows how white text looks on a background with the CIELCh color 61, 5.650, 263.254.

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

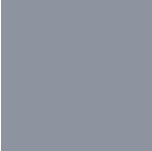
61, 5.650, 263.254

Protanopia

61, 5.656, 294.636

Deuteranopia

61, 9.839, 321.182



Tritanopia
61, 6.661, 267.955

Trichromacy



Original Color
61, 5.650, 263.254

Protanomaly
61, 5.112, 282.293

Deuteranomaly
61, 7.701, 308.075

Tritanomaly
61, 6.151, 265.793

Monochromacy



Original Color
61, 5.650, 263.254

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.371, 271.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.650, 263.254 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(141, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(141, 148, 157)  
}
```

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(141, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 148, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.650, 263.254 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(141, 148, 157) }
```

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

```
.border{ border-color:rgb(141, 148, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(141, 148,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.650, 263.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 148, 157) }
```

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

```
.background{ background-color: rgb(141,  
148, 157) }
```

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