

Converting Colors

CIELCh(61, 10.693, 261.645)

Have a look what the booklet for
CIELCh(61, 10.693, 261.645)
contains.

CIELCh(61, 10.840, 261.475)	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, 10.840, 261.475)

Conversions

Conversions Part 1

Format	Color
Hex	8695A6
RGB	134, 149, 166
RGB Percent	53%, 58%, 65%
CMY	0.4751, 0.4163, 0.3496
CMYK	0.19, 0.10, 0.00, 0.35
HSL	212°, 15%, 59%
HSV	212°, 19%, 65%
XYZ	27.3976, 29.2481, 40.2007
YIQ	146.4530, -14.3970, 2.1070

Conversions

Conversions Part 2

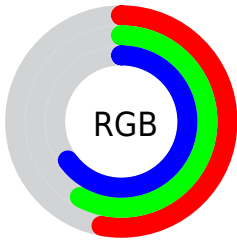
Format	Color
RYB	134, 144, 166
Decimal	8820134
CIELab	61.00, -1.61, -10.72
CIElCh	61, 10.840, 261.475
Yxy	29.2481, 0.2829, 0.3020
Android (android.graphics.Color)	4287010214 (0xFF8695A6)
YUV	146.4530, 9.6367, -10.9213
Hunter-Lab	54.0815, -4.2148, -6.2153

Details

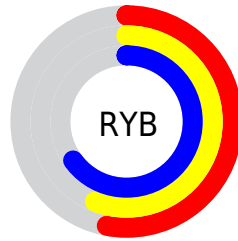
The CIELCh color $61, 10.840, 261.475$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 11.281, 76.304$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 10.754, 262.295$, and $41, 10.883, 262.748$ is the 20% darker color. If you saturate the color by 10%, you get $57, 16.405, 263.249$, and if you desaturate by 10%, it is $65, 5.235, 259.981$.

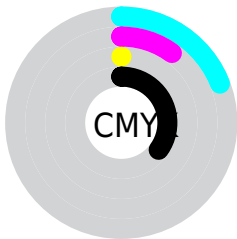
Distribution



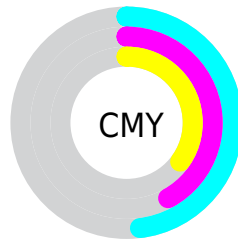
- Red (53%)
- Green (58%)
- Blue (65%)



- Red (53%)
- Yellow (56%)
- Blue (65%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (48%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 10.840, 261.475 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, 10.840, 261.475 by changing the saturation by 10% instead.

■ 61, 10.840,
261.475

■ 61, 10.840,
261.475

■ 100, 10.840,
261.475

■ 51, 10.840,
261.475

■ 81, 10.840,
261.475

■ 41, 10.840,
261.475

■ 91, 10.840,
261.475

■ 31, 10.840,
261.475

■ 21, 10.840,
261.475

■ 11, 10.840,
261.475

■ 1, 10.840, 261.475

■ 0, 10.840, 261.475

61, 10.840,
261.475

61, 10.840,
261.475

57, 16.405,
263.249

65, 5.235, 259.981

54, 21.919,
265.359

68, 0.392, 77.869

72, 6.025, 77.473

50, 27.376,
267.850

76, 11.648, 76.542

47, 32.783,
270.769

79, 17.249, 75.720

83, 22.816, 74.997

44, 38.170,
274.142

87, 28.342, 74.359

40, 43.587,
277.951

89, 31.300, 80.743

91, 33.797, 89.089

37, 49.103,
282.107

35, 54.791,

286.325

■ 34, 55.204,
286.602

Harmonies

Complementary

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



61, 10.840, 261.475



63, 11.281, 76.304

Rectangle

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



61, 10.840, 261.475



61, 10.840, 311.475



61, 10.840, 81.475



61, 10.840, 131.475

Sweetspot

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



61, 10.839, 261.469



84, 4.207, 259.577



65, 14.871, 162.899



44, 2.812, 259.651



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 10.839, 261.469



76, 16.048, 262.169



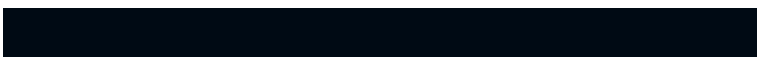
57, 18.292, 292.892



34, 3.226, 259.981



30, 50.264, 286.155



2, 6.256, 265.103

Inverse Universe

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



59, 15.121, 347.058



74, 22.501, 347.481



67, 17.510, 109.052



33, 4.437, 346.099



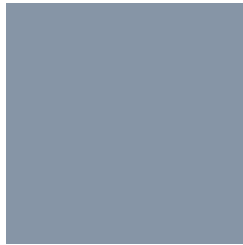
31, 56.308, 4.102



2, 7.665, 349.196

Previews

White Background



This preview shows how the CIELCh color 61, 10.840, 261.475 looks on a white background.

Color Contrast Check

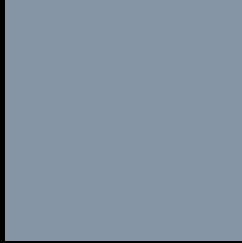
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.840, 261.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

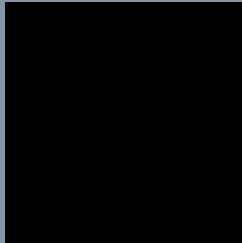
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

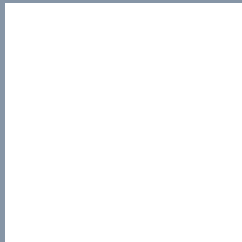
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 10.840, 261.475

Background



This preview shows how black text looks on a background with the CIELCh color 61, 10.840, 261.475.



This preview shows how white text looks on a background with the CIELCh color 61, 10.840, 261.475.

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

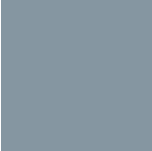
61, 10.840, 261.475

Protanopia

61, 10.142, 289.231

Deuteranopia

61, 13.994, 305.347



Tritanopia
61, 8.623, 245.085

Trichromacy



Original Color
61, 10.840, 261.475

Protanomaly
61, 10.320, 279.087

Deuteranomaly
61, 12.407, 291.556

Tritanomaly
61, 9.415, 250.254

Monochromacy



Original Color
61, 10.840, 261.475

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.843, 261.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 10.840, 261.475 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(134, 149, 166)` looks like.

```
.text, #text, p{  
    color:rgb(134, 149, 166)  
}
```

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(134, 149, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 149, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 10.840, 261.475 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(134, 149, 166) }
```

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

```
.border{ border-color:rgb(134, 149, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 149, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 149, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 149, 166);  
box-shadow:4px 4px 4px 4px rgb(134, 149,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 10.840, 261.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 149, 166) }
```

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

```
.background{ background-color: rgb(134,  
149, 166) }
```

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