

Converting Colors

CIELCh(61, 7.286, 236.774)

Have a look what the booklet for
CIELCh(61, 7.286, 236.774) contains.

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Color

CIELCh(61, 7.310, 237.159)

Conversions

Conversions Part 1

Format	Color
Hex	86969E
RGB	134, 150, 158
RGB Percent	53%, 59%, 62%
CMY	0.4754, 0.4127, 0.3813
CMYK	0.15, 0.05, 0.00, 0.38
HSL	200°, 11%, 57%
HSV	200°, 15%, 62%
XYZ	26.8152, 29.2481, 36.4737
YIQ	146.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

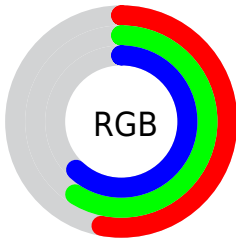
Format	Color
R_{YB}	134, 144, 158
Decimal	8820382
CIE _{Lab}	61.00, -3.96, -6.14
CIE _{LCh}	61, 7.310, 237.159
Yxy	29.2481, 0.2898, 0.3161
Android (android.graphics.Color)	4287010462 (0xFF86969E)
YUV	146.1280, 5.8529, -10.6363
Hunter-Lab	54.0815, -6.1373, -2.1293

Details

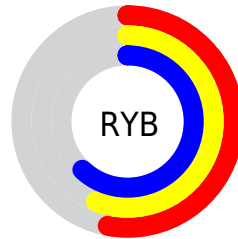
The CIELCh color $61, 7.310, 237.159$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 7.894, 54.478$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 7.548, 238.533$, and $41, 7.455, 239.695$ is the 20% darker color. If you saturate the color by 10%, you get $58, 11.855, 238.342$, and if you desaturate by 10%, it is $64, 2.551, 236.274$.

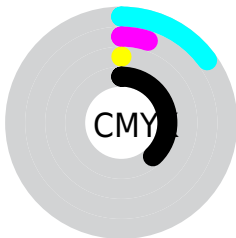
Distribution



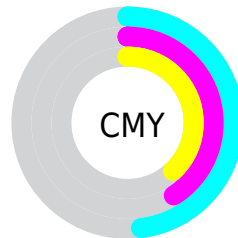
- Red (53%)
- Green (59%)
- Blue (62%)



- Red (53%)
- Yellow (56%)
- Blue (62%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (48%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 7.310, 237.159 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, 7.310, 237.159 by changing the saturation by 10% instead.

■ 61, 7.310, 237.159

■ 61, 7.310, 237.159

■ 100, 7.310,
237.159

■ 51, 7.310, 237.159

■ 81, 7.310, 237.159

■ 41, 7.310, 237.159

■ 91, 7.310, 237.159

■ 31, 7.310, 237.159

■ 21, 7.310, 237.159

■ 11, 7.310, 237.159

■ 1, 7.310, 237.159

■ 0, 7.310, 237.159

■ 61, 7.310, 237.159

■ 61, 7.310, 237.159

■ 58, 11.855,

■ 64, 2.551, 236.274

238.342

66, 2.374, 55.152

56, 16.139,
239.845

69, 7.426, 54.630

54, 20.113,
241.718

72, 12.572, 54.132

51, 23.734,
244.041

75, 17.782, 53.717

49, 26.981,
246.895

80, 28.306, 53.087

47, 29.859,
250.353

83, 31.832, 54.742

45, 32.422,
254.450

84, 31.780, 60.545

43, 34.776,
259.136

42, 35.929,
261.372

Harmonies

Complementary

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



61, 7.310, 237.159



60, 7.894, 54.478

Rectangle

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



61, 7.310, 237.159



61, 7.310, 287.159



61, 7.310, 57.159



61, 7.310, 107.159

Sweetspot

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



61, 7.310, 237.148



80, 3.020, 236.267



63, 13.086, 153.888



42, 2.053, 236.306



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, 7.310, 237.148



76, 10.597, 237.491



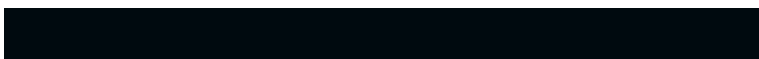
58, 11.236, 283.231



32, 2.754, 236.574



38, 33.238, 260.888



2, 3.680, 239.950

Inverse Universe

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



58, 13.029, 336.707



72, 19.045, 336.945



63, 11.031, 99.700



31, 4.831, 336.262



31, 58.975, 346.882



1, 6.118, 337.151

Previews

White Background



This preview shows how the CIELCh color 61, 7.310, 237.159 looks on a white background.

Color Contrast Check

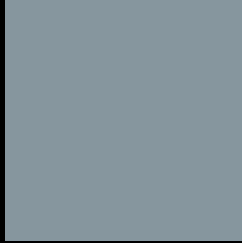
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.310, 237.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

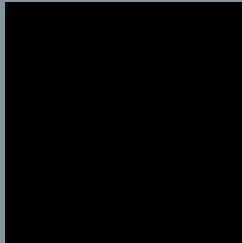
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

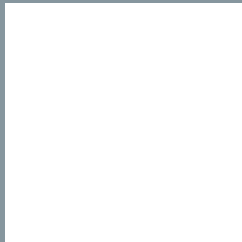
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 7.310, 237.159

Background



This preview shows how black text looks on a background with the CIELCh color 61, 7.310, 237.159.



This preview shows how white text looks on a background with the CIELCh color 61, 7.310, 237.159.

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, 7.310, 237.159

Protanopia

61, 5.656, 294.636

Deuteranopia

61, 10.326, 319.606



Tritanopia
61, 8.571, 251.350

Trichromacy



Original Color
61, 7.310, 237.159

Protanomaly
61, 5.900, 272.378

Deuteranomaly
61, 7.994, 299.136

Tritanomaly
61, 8.158, 248.691

Monochromacy



Original Color
61, 7.310, 237.159

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.526, 241.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 7.310, 237.159 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, 150, 158)` looks like.

```
.text, #text, p{  
    color:rgb(134, 150, 158)  
}
```

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, 150, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 150, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 7.310, 237.159 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, 150, 158) }
```

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

```
.border{ border-color:rgb(134, 150, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 150, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 150, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 150, 158);  
box-shadow:4px 4px 4px 4px rgb(134, 150,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 7.310, 237.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 150, 158) }
```

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

```
.background{ background-color: rgb(134,  
150, 158) }
```

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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