

Converting Colors

CIELCh(61, 7.530, 247.758)

Have a look what the booklet for
CIELCh(61, 7.530, 247.758) contains.

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Color

CIELCh(61, 7.523, 247.746)

Conversions

Conversions Part 1

Format	Color
Hex	87959F
RGB	135, 149, 159
RGB Percent	53%, 58%, 62%
CMY	0.4697, 0.4148, 0.3756
CMYK	0.15, 0.06, 0.00, 0.38
HSL	205°, 11%, 58%
HSV	205°, 15%, 62%
XYZ	27.0897, 29.2481, 37.1242
YIQ	145.9540, -11.5540, 0.1420

Conversions

Conversions Part 2

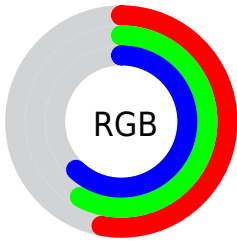
Format	Color
R_{YB}	135, 144, 159
Decimal	8885663
CIE _{Lab}	61.00, -2.85, -6.96
CIE _{LCh}	61, 7.523, 247.746
Yxy	29.2481, 0.2898, 0.3129
Android (android.graphics.Color)	4287075743 (0xFF87959F)
YUV	145.9540, 6.4317, -9.6067
Hunter-Lab	54.0815, -5.2312, -2.8425

Details

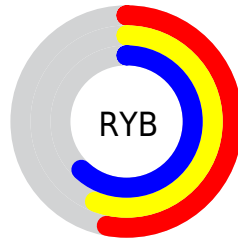
The CIELCh color $61, 7.523, 247.746$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 7.969, 64.280$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 7.765, 248.179$, and $41, 7.764, 250.742$ is the 20% darker color. If you saturate the color by 10%, you get $58, 12.339, 249.220$, and if you desaturate by 10%, it is $64, 2.565, 246.581$.

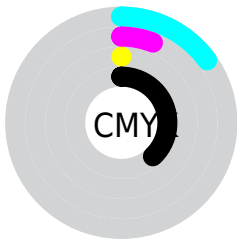
Distribution



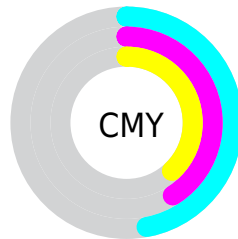
- Red (53%)
- Green (58%)
- Blue (62%)



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



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 7.523, 247.746 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, 7.523, 247.746 by changing the saturation by 10% instead.

■ 61, 7.523, 247.746

■ 61, 7.523, 247.746

■ 100, 7.523,
247.746

■ 51, 7.523, 247.746

■ 81, 7.523, 247.746

■ 41, 7.523, 247.746

■ 91, 7.523, 247.746

■ 31, 7.523, 247.746

■ 21, 7.523, 247.746

■ 11, 7.523, 247.746

■ 1, 7.523, 247.746

■ 0, 7.523, 247.746

■ 61, 7.523, 247.746

■ 61, 7.523, 247.746

■ 58, 12.339,

■ 64, 2.565, 246.581

249.220

67, 2.500, 65.251

55, 16.981,
251.029

70, 7.644, 64.475

52, 21.418,
253.222

73, 12.840, 63.755

49, 25.626,
255.868

76, 18.067, 63.133

47, 29.604,
259.030

80, 23.308, 62.597

44, 33.378,
262.748

83, 28.547, 62.131

42, 37.014,
267.011

85, 31.461, 65.444

40, 40.615,
271.714

38, 42.451,
273.964

Harmonies

Complementary

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



61, 7.523, 247.746



61, 7.969, 64.280

Rectangle

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



61, 7.523, 247.746



61, 7.523, 297.746



61, 7.523, 67.746



61, 7.523, 117.746

Sweetspot

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



61, 7.522, 247.735



81, 3.123, 246.582



63, 12.277, 157.488



43, 2.145, 246.642



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 7.522, 247.735



76, 11.053, 248.187



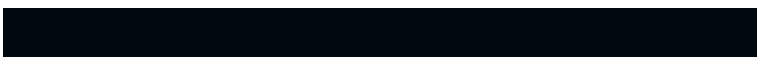
58, 12.317, 287.518



32, 2.825, 247.009



34, 38.897, 273.456



2, 3.792, 249.439

Inverse Universe

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



59, 12.278, 340.551



73, 18.163, 340.827



64, 11.997, 104.251



31, 4.554, 340.069



31, 56.551, 353.601



1, 5.779, 340.882

Previews

White Background



This preview shows how the CIELCh color 61, 7.523, 247.746 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, 7.523, 247.746 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

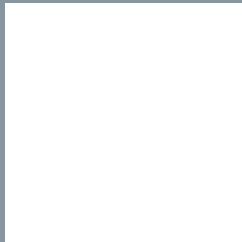
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 7.523, 247.746

Background



This preview shows how black text looks on a background with the CIELCh color 61, 7.523, 247.746.



This preview shows how white text looks on a background with the CIELCh color 61, 7.523, 247.746.

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, 7.523, 247.746

Protanopia

61, 6.218, 294.342

Deuteranopia

61, 11.161, 315.113



Tritanopia
61, 8.155, 255.307

Trichromacy



Original Color

61, 7.523, 247.746

Protanomaly

61, 6.345, 277.286

Deuteranomaly

61, 8.552, 298.646

Tritanomaly

61, 7.715, 252.735

Monochromacy



Original Color

61, 7.523, 247.746

Achromatopsia

61, 0.008, 296.813

Achromatomaly

61, 2.923, 249.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 7.523, 247.746 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(135, 149, 159)` looks like.

```
.text, #text, p{  
    color:rgb(135, 149, 159)  
}
```

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(135, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 149, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 7.523, 247.746 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(135, 149, 159) }
```

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

```
.border{ border-color:rgb(135, 149, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 149, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 149, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 149, 159);  
box-shadow:4px 4px 4px 4px rgb(135, 149,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 7.523, 247.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 149, 159) }
```

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

```
.background{ background-color: rgb(135,  
149, 159) }
```

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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