

Converting Colors

CIELCh(61, 6.499, 243.062)

Have a look what the booklet for
CIELCh(61, 6.499, 243.062) contains.

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Color

CIELCh(61, 6.506, 243.071)

Conversions

Conversions Part 1

Format	Color
Hex	88959D
RGB	136, 149, 157
RGB Percent	53%, 58%, 62%
CMY	0.4659, 0.4149, 0.3835
CMYK	0.13, 0.05, 0.00, 0.38
HSL	203°, 10%, 58%
HSV	203°, 13%, 62%
XYZ	27.0656, 29.2481, 36.2056
YIQ	146.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

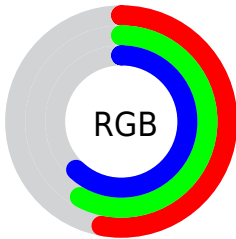
Format	Color
R_{YB}	136, 144, 157
Decimal	8951197
CIE _{Lab}	61.00, -2.95, -5.80
CIE _{LCh}	61, 6.506, 243.071
Yxy	29.2481, 0.2925, 0.3161
Android (android.graphics.Color)	4287141277 (0xFF88959D)
YUV	146.0250, 5.4107, -8.7919
Hunter-Lab	54.0815, -5.3106, -1.8354

Details

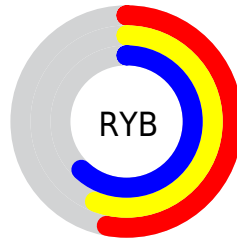
The CIELCh color $61, 6.506, 243.071$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 6.892, 60.265$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 6.789, 244.105$, and $41, 6.657, 246.085$ is the 20% darker color. If you saturate the color by 10%, you get $58, 11.184, 244.383$, and if you desaturate by 10%, it is $64, 1.663, 242.121$.

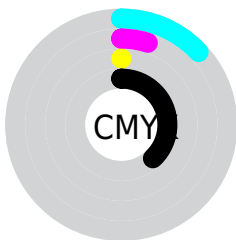
Distribution



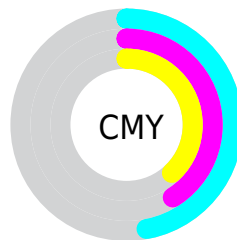
- Red (53%)
- Green (58%)
- Blue (62%)



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



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 6.506, 243.071 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, 6.506, 243.071 by changing the saturation by 10% instead.

■ 61, 6.506, 243.071

■ 61, 6.506, 243.071

■ 100, 6.506,
243.071

■ 51, 6.506, 243.071

■ 81, 6.506, 243.071

■ 41, 6.506, 243.071

■ 91, 6.506, 243.071

■ 31, 6.506, 243.071

■ 21, 6.506, 243.071

■ 11, 6.506, 243.071

■ 1, 6.506, 243.071

■ 0, 6.506, 243.071

■ 61, 6.506, 243.071

■ 61, 6.506, 243.071

■ 58, 11.184,

■ 64, 1.663, 242.121

244.383

67, 3.307, 60.860

55, 15.658,
246.020

70, 8.371, 60.171

53, 19.889,
248.028

73, 13.500, 59.553

76, 18.673, 59.026

50, 23.844,
250.479

79, 23.868, 58.577

48, 27.508,
253.446

82, 29.071, 58.192

84, 31.997, 60.905

45, 30.894,
256.989

85, 32.366, 67.397

43, 34.055,
261.127

41, 37.087,
265.802

40, 39.144,
268.927

Harmonies

Complementary

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



61, 6.506, 243.071



61, 6.892, 60.265

Rectangle

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



61, 6.506, 243.071



61, 6.506, 293.071



61, 6.506, 63.071



61, 6.506, 113.071

Sweetspot

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



61, 6.506, 243.058



81, 2.443, 242.153



63, 11.036, 156.144



42, 1.730, 242.198



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, 6.506, 243.058



76, 9.587, 243.418



58, 10.381, 285.669



32, 2.783, 242.602



36, 36.268, 268.464



2, 3.731, 245.443

Inverse Universe

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



59, 11.022, 338.705



73, 16.356, 338.940



64, 10.168, 102.716



31, 4.670, 338.381



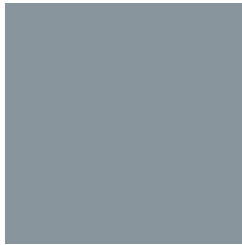
31, 57.478, 350.622



1, 5.921, 339.230

Previews

White Background



This preview shows how the CIE LCh color 61, 6.506, 243.071 looks on a white background.

Color Contrast Check

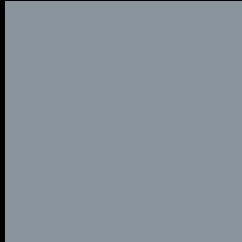
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.506, 243.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

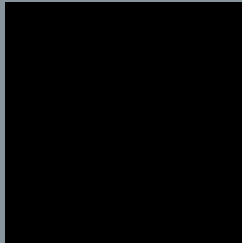
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

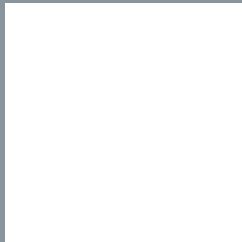
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 6.506, 243.071

Background



This preview shows how black text looks on a background with the CIELCh color 61, 6.506, 243.071.



This preview shows how white text looks on a background with the CIELCh color 61, 6.506, 243.071.

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

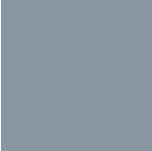
61, 6.506, 243.071

Protanopia

61, 5.094, 295.009

Deuteranopia

61, 9.839, 321.182



Tritanopia
61, 7.508, 254.941

Trichromacy



Original Color
61, 6.506, 243.071

Protanomaly
61, 5.261, 274.194

Deuteranomaly
61, 7.507, 302.552

Tritanomaly
61, 7.069, 252.127

Monochromacy



Original Color
61, 6.506, 243.071

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, 6.506, 243.071 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(136, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(136, 149, 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(136, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 149, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 6.506, 243.071 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(136, 149, 157) }
```

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

```
.border{ border-color:rgb(136, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(136, 149,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 6.506, 243.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 149, 157) }
```

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

```
.background{ background-color: rgb(136,  
149, 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](#).

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