

Converting Colors

CIELCh(61, 25.008, 291.702)

Have a look what the booklet for
CIELCh(61, 25.008, 291.702)
contains.

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Color

CIELCh(61, 24.791, 291.311)

Conversions

Conversions Part 1

Format	Color
Hex	8E90BC
RGB	142, 144, 188
RGB Percent	56%, 56%, 74%
CMY	0.4439, 0.4360, 0.2635
CMYK	0.24, 0.23, 0.00, 0.26
HSL	237°, 25%, 65%
HSV	237°, 24%, 74%
XYZ	30.1255, 29.2481, 51.5262
YIQ	148.4180, -15.3160, 13.2600

Conversions

Conversions Part 2

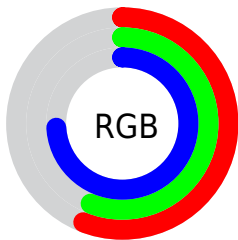
Format	Color
R_{YB}	142, 144, 188
Decimal	9343164
CIE _{Lab}	61.00, 9.01, -23.10
CIE _{LCh}	61, 24.791, 291.311
Yxy	29.2481, 0.2716, 0.2637
Android (android.graphics.Color)	4287533244 (0xFF8E90BC)
YUV	148.4180, 19.5139, -5.6286
Hunter-Lab	54.0815, 4.7885, -18.6314

Details

The CIELCh color $61, 24.791, 291.311$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 23.532, 105.942$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 24.464, 290.763$, and $41, 24.878, 291.398$ is the 20% darker color. If you saturate the color by 10%, you get $55, 35.628, 292.875$, and if you desaturate by 10%, it is $67, 14.383, 289.977$.

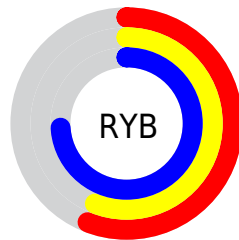
Distribution



Red (56%)

Green (56%)

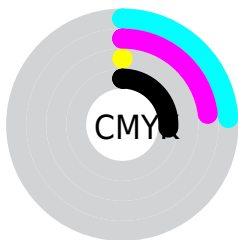
Blue (74%)



Red (56%)

Yellow (56%)

Blue (74%)

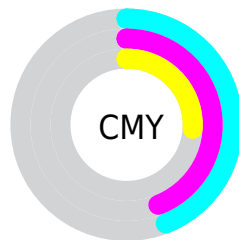


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (26%)



Cyan (44%)

Magenta (44%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 24.791, 291.311 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, 24.791, 291.311 by changing the saturation by 10% instead.

■ 61, 24.791,
291.311

■ 61, 24.791,
291.311

■ 100, 24.791,
291.311

■ 51, 24.791,
291.311

■ 81, 24.791,
291.311

■ 41, 24.791,
291.311

■ 91, 24.791,
291.311

■ 31, 24.791,
291.311

■ 21, 24.791,
291.311

■ 11, 24.791,
291.311

■ 1, 24.791, 291.311

■ 0, 24.791, 291.311

61, 24.791,
291.311

61, 24.791,
291.311

55, 35.628,
292.875

67, 14.383,
289.977

49, 46.920,
294.695

73, 4.378, 288.854

43, 58.643,
296.771

80, 5.257, 107.854

37, 70.652,
299.051

86, 14.549,
107.037

32, 82.513,
301.400

92, 23.522,
106.331

27, 93.278,
303.565

98, 32.199,
105.720

24, 101.436,
305.219

99, 33.795,
107.604

23, 104.370,

Harmonies

Complementary

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



61, 24.791, 291.311



75, 23.532, 105.942

Rectangle

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



61, 24.791, 291.311



61, 24.791, 341.311



61, 24.791, 111.311



61, 24.791, 161.311

Sweetspot

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



61, 24.790, 291.310



91, 8.503, 289.128



73, 16.073, 193.680



48, 5.528, 289.192



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 24.790, 291.310



74, 36.775, 292.060



62, 26.965, 308.537



37, 5.594, 289.374



18, 91.494, 305.655



1, 16.886, 289.412

Inverse Universe

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



63, 18.623, 17.880



78, 27.822, 18.484



74, 25.979, 126.143



37, 4.098, 16.389



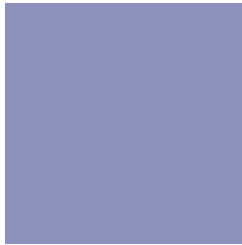
32, 71.130, 37.890



3, 12.270, 16.893

Previews

White Background



This preview shows how the CIELCh color 61, 24.791, 291.311 looks on a white background.

Color Contrast Check

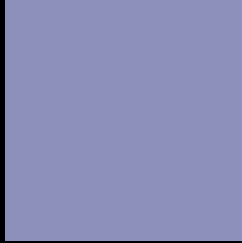
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.791, 291.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

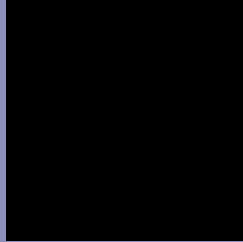
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 24.791, 291.311

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.791, 291.311.



This preview shows how white text looks on a background with the CIELCh color 61, 24.791, 291.311.

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, 24.791, 291.311

Protanopia

61, 24.883, 285.939

Deuteranopia

61, 24.806, 289.763



Tritanopia
61, 7.961, 257.445

Trichromacy



Original Color
61, 24.791, 291.311

Protanomaly
61, 24.828, 287.448

Deuteranomaly
61, 24.796, 290.535

Tritanomaly
61, 13.739, 279.698

Monochromacy



Original Color
61, 24.791, 291.311

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 9.016, 291.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.791, 291.311 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(142, 144, 188)` looks like.

```
.text, #text, p{  
    color:rgb(142, 144, 188)  
}
```

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(142, 144, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 144, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.791, 291.311 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(142, 144, 188) }
```

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

```
.border{ border-color:rgb(142, 144, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 144, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 144, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 144, 188);  
box-shadow:4px 4px 4px 4px rgb(142, 144,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.791, 291.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 144, 188) }
```

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

```
.background{ background-color: rgb(142,  
144, 188) }
```

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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