

Converting Colors

CIELCh(61, 21.479, 294.074)

Have a look what the booklet for
CIELCh(61, 21.479, 294.074)
contains.

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Color

CIELCh(61, 21.434, 293.449)

Conversions

Conversions Part 1

Format	Color
Hex	9190B6
RGB	145, 144, 182
RGB Percent	57%, 56%, 71%
CMY	0.4322, 0.4361, 0.2872
CMYK	0.20, 0.21, 0.00, 0.29
HSL	242°, 21%, 64%
HSV	242°, 21%, 71%
XYZ	29.9983, 29.2481, 48.1967
YIQ	148.6310, -11.6020, 12.0300

Conversions

Conversions Part 2

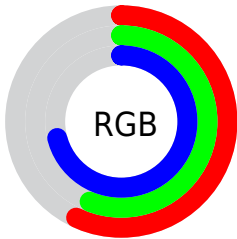
Format	Color
RYB	145, 144, 182
Decimal	9539766
CIELab	61.00, 8.53, -19.66
CIELCh	61, 21.434, 293.449
Yxy	29.2481, 0.2792, 0.2722
Android (android.graphics.Color)	4287729846 (0xFF9190B6)
YUV	148.6310, 16.4509, -3.1844
Hunter-Lab	54.0815, 4.3687, -14.9813

Details

The CIELCh color **61, 21.434, 293.449** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **73, 20.429, 109.296**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 21.291, 292.940**, and **41, 21.260, 293.282** is the 20% darker color. If you saturate the color by 10%, you get **55, 32.354, 294.811**, and if you desaturate by 10%, it is **67, 10.955, 292.286**.

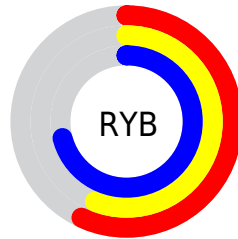
Distribution



Red (57%)

Green (56%)

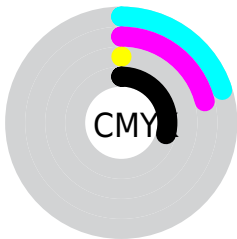
Blue (71%)



Red (57%)

Yellow (56%)

Blue (71%)

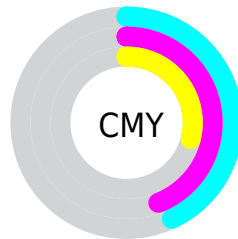


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (43%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 21.434, 293.449 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, 21.434, 293.449 by changing the saturation by 10% instead.

■ 61, 21.434,
293.449

■ 61, 21.434,
293.449

■ 100, 21.434,
293.449

■ 51, 21.434,
293.449

■ 81, 21.434,
293.449

■ 41, 21.434,
293.449

■ 91, 21.434,
293.449

■ 31, 21.434,
293.449

■ 21, 21.434,
293.449

■ 11, 21.434,
293.449

■ 1, 21.434, 293.449

■ 0, 21.434, 293.449

61, 21.434,
293.449

61, 21.434,
293.449

55, 32.354,
294.811

67, 10.955,
292.286

49, 43.738,
296.396

73, 0.894, 291.348

42, 55.556,
298.204

80, 8.784, 110.442

37, 67.662,
300.194

86, 18.105,
109.726

31, 79.634,
302.248

92, 27.095,
109.111

27, 90.539,
304.138

98, 35.777,
108.583

23, 98.854,
305.548

98, 36.774,
107.374

22, 103.647,

Harmonies

Complementary

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



61, 21.434, 293.449



73, 20.429, 109.296

Rectangle

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



61, 21.434, 293.449



61, 21.434, 343.449



61, 21.434, 113.449



61, 21.434, 163.449

Sweetspot

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



61, 21.433, 293.448



89, 7.420, 291.795



71, 13.142, 199.898



47, 4.967, 291.859



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 21.433, 293.448



75, 32.124, 294.039



63, 22.554, 310.600



35, 5.724, 292.122



18, 92.360, 306.382



1, 15.389, 291.056

Inverse Universe

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



64, 24.942, 326.283



80, 37.034, 326.531



72, 21.949, 128.718



36, 6.788, 325.636



37, 78.288, 329.286



3, 18.331, 325.733

Previews

White Background



This preview shows how the CIELCh color 61, 21.434, 293.449 looks on a white background.

Color Contrast Check

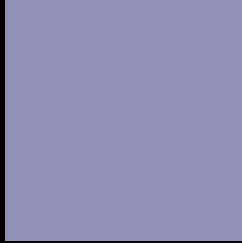
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.434, 293.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

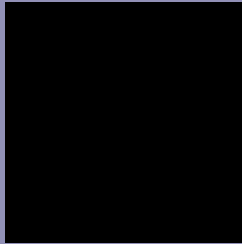
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 21.434, 293.449

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.434, 293.449.



This preview shows how white text looks on a background with the CIELCh color 61, 21.434, 293.449.

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

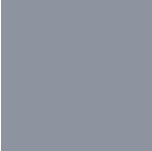
61, 21.434, 293.449

Protanopia

61, 20.937, 284.940

Deuteranopia

61, 21.426, 292.524



Tritanopia
61, 6.661, 267.955

Trichromacy



Original Color
61, 21.434, 293.449

Protanomaly
61, 21.437, 287.928

Deuteranomaly
61, 21.426, 292.524

Tritanomaly
61, 11.891, 284.493

Monochromacy



Original Color
61, 21.434, 293.449

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.904, 293.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.434, 293.449 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(145, 144, 182)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 182)  
}
```

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(145, 144, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.434, 293.449 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(145, 144, 182) }
```

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

```
.border{ border-color:rgb(145, 144, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 144, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 182);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.434, 293.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 144, 182) }
```

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

```
.background{ background-color: rgb(145,  
144, 182) }
```

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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