

Converting Colors

CIELCh(61, 18.676, 294.331)

Have a look what the booklet for
CIELCh(61, 18.676, 294.331)
contains.

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Color

CIELCh(61, 18.640, 294.397)

Conversions

Conversions Part 1

Format	Color
Hex	9290B1
RGB	146, 144, 177
RGB Percent	57%, 56%, 69%
CMY	0.4273, 0.4351, 0.3057
CMYK	0.18, 0.19, 0.00, 0.31
HSL	244°, 17%, 63%
HSV	244°, 19%, 69%
XYZ	29.7794, 29.2481, 45.6912
YIQ	148.3600, -9.4010, 10.6870

Conversions

Conversions Part 2

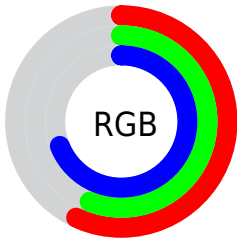
Format	Color
RYB	146, 144, 177
Decimal	9605297
CIELab	61.00, 7.70, -16.98
CIElCh	61, 18.640, 294.397
Yxy	29.2481, 0.2844, 0.2793
Android (android.graphics.Color)	4287795377 (0xFF9290B1)
YUV	148.3600, 14.1195, -2.0697
Hunter-Lab	54.0815, 3.6463, -12.2345

Details

The CIELCh color $61, 18.640, 294.397$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71, 17.869, 110.957$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.651, 293.900$, and $41, 18.249, 294.017$ is the 20% darker color. If you saturate the color by 10%, you get $55, 29.229, 295.621$, and if you desaturate by 10%, it is $67, 8.472, 293.348$.

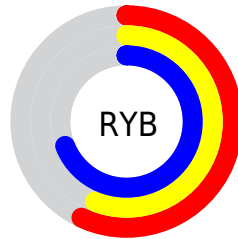
Distribution



Red (57%)

Green (56%)

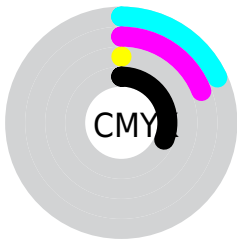
Blue (69%)



Red (57%)

Yellow (56%)

Blue (69%)

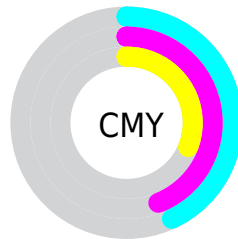


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (43%)


Magenta (44%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 18.640, 294.397 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, 18.640, 294.397 by changing the saturation by 10% instead.

 61, 18.640,
294.397


 61, 18.640,
294.397


 100, 18.640,
294.397


 51, 18.640,
294.397


 81, 18.640,
294.397

 41, 18.640,
294.397

 91, 18.640,
294.397

 31, 18.640,
294.397

 21, 18.640,
294.397

 11, 18.640,
294.397

 1, 18.640, 294.397

 0, 18.640, 294.397

61, 18.640,
294.397

61, 18.640,
294.397

55, 29.229,
295.621

67, 8.472, 293.348

49, 40.260,
297.041

73, 1.298, 112.419

43, 51.711,
298.662

79, 10.699,
111.680

37, 63.469,
300.454

85, 19.757,
111.027

32, 75.202,
302.329

91, 28.496,
110.466

27, 86.164,
304.102

97, 36.939,
109.983

24, 95.042,
305.497

98, 39.098,
107.195

21, 100.756,

306.351

■ 21, 101.457,
306.475

Harmonies

Complementary

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



61, 18.640, 294.397



71, 17.869, 110.957

Rectangle

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



61, 18.640, 294.397



61, 18.640, 344.397



61, 18.640, 114.397



61, 18.640, 164.397

Sweetspot

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



61, 18.639, 294.395



87, 7.232, 293.109



69, 11.179, 203.200



45, 4.798, 293.168



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 18.639, 294.395



75, 27.373, 294.831



62, 19.758, 311.608



35, 5.598, 293.415



17, 91.056, 306.512



1, 13.329, 292.019

Inverse Universe

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



64, 21.262, 327.139



79, 31.008, 327.351



70, 19.323, 129.987



35, 6.478, 326.605



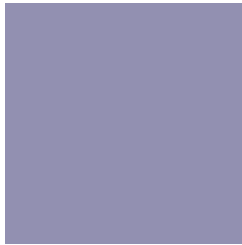
36, 75.316, 330.759



3, 15.273, 327.006

Previews

White Background



This preview shows how the CIELCh color 61, 18.640, 294.397 looks on a white background.

Color Contrast Check

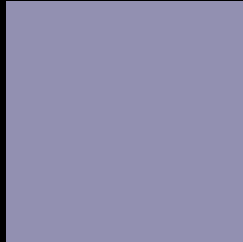
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.640, 294.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

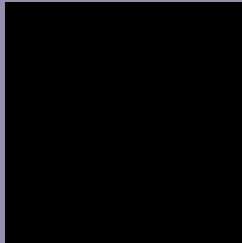
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 18.640, 294.397

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.640, 294.397.



This preview shows how white text looks on a background with the CIELCh color 61, 18.640, 294.397.

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

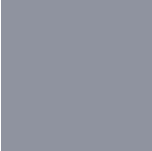
61, 18.640, 294.397

Protanopia

61, 18.091, 285.508

Deuteranopia

61, 18.661, 295.484



Tritanopia
61, 6.892, 278.480

Trichromacy



Original Color
61, 18.640, 294.397

Protanomaly
61, 18.605, 288.986

Deuteranomaly
61, 18.661, 295.484

Tritanomaly
61, 11.278, 287.722

Monochromacy



Original Color
61, 18.640, 294.397

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.756, 290.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.640, 294.397 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(146, 144, 177)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 177)  
}
```

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(146, 144, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.640, 294.397 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(146, 144, 177) }
```

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

```
.border{ border-color:rgb(146, 144, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 144, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 144, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 144, 177);  
box-shadow:4px 4px 4px 4px rgb(146, 144,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.640, 294.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 144, 177) }
```

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

```
.background{ background-color: rgb(146,  
144, 177) }
```

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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