

Converting Colors

CIELCh(61, 17.883, 294.141)

Have a look what the booklet for
CIELCh(61, 17.883, 294.141)
contains.

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Color

CIELCh(61, 18.078, 294.412)

Conversions

Conversions Part 1

Format	Color
Hex	9290B0
RGB	146, 144, 176
RGB Percent	57%, 56%, 69%
CMY	0.4269, 0.4348, 0.3093
CMYK	0.17, 0.18, 0.00, 0.31
HSL	244°, 17%, 63%
HSV	244°, 18%, 69%
XYZ	29.7195, 29.2481, 45.2225
YIQ	148.2460, -9.0800, 10.3760

Conversions

Conversions Part 2

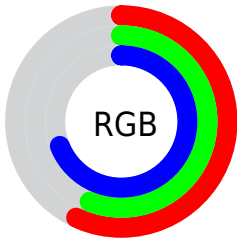
Format	Color
RYB	146, 144, 176
Decimal	9605296
CIELab	61.00, 7.47, -16.46
CIELCh	61, 18.078, 294.412
Yxy	29.2481, 0.2852, 0.2807
Android (android.graphics.Color)	4287795376 (0xFF9290B0)
YUV	148.2460, 13.6827, -1.9697
Hunter-Lab	54.0815, 3.4486, -11.7207

Details

The CIELCh color $61, 18.078, 294.412$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71, 17.350, 111.078$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.120, 293.921$, and $41, 17.644, 293.978$ is the 20% darker color. If you saturate the color by 10%, you get $55, 28.603, 295.621$, and if you desaturate by 10%, it is $67, 7.971, 293.375$.

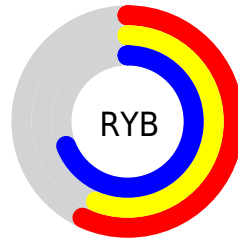
Distribution



Red (57%)

Green (56%)

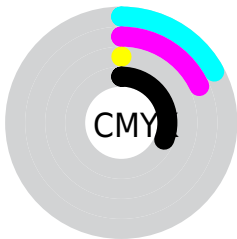
Blue (69%)



Red (57%)

Yellow (56%)

Blue (69%)

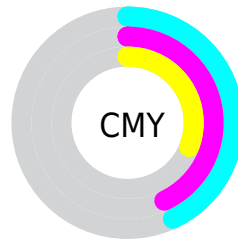


Cyan (17%)

Magenta (18%)

Yellow (0%)

Black (31%)



Cyan (43%)


Magenta (43%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 18.078, 294.412 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, 18.078, 294.412 by changing the saturation by 10% instead.


 61, 18.078,
294.412


 61, 18.078,
294.412


 100, 18.078,
294.412


 51, 18.078,
294.412


 81, 18.078,
294.412

 41, 18.078,
294.412

 91, 18.078,
294.412

 31, 18.078,
294.412

 21, 18.078,
294.412

 11, 18.078,
294.412

 1, 18.078, 294.412

 0, 18.078, 294.412

61, 18.078,
294.412

61, 18.078,
294.412

55, 28.603,
295.621

67, 7.971, 293.375

49, 39.566,
297.026

73, 1.741, 112.464

43, 50.949,
298.629

79, 11.086,
111.725

37, 62.645,
300.406

85, 20.092,
111.079

32, 74.340,
302.269

91, 28.782,
110.524

27, 85.316,
304.043

96, 37.177,
110.047

24, 94.297,
305.455

98, 39.542,
107.161

21, 100.114,

306.317

■ 21, 101.060,
306.483

Harmonies

Complementary

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



61, 18.078, 294.412



71, 17.350, 111.078

Rectangle

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



61, 18.078, 294.412



61, 18.078, 344.412



61, 18.078, 114.412



61, 18.078, 164.412

Sweetspot

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



61, 18.077, 294.410



87, 6.017, 293.090



69, 10.868, 203.214



46, 4.106, 293.152



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, 18.077, 294.410



75, 27.375, 294.898



62, 19.168, 311.586



35, 5.598, 293.487



17, 91.045, 306.519



1, 13.330, 292.077

Inverse Universe

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



64, 20.610, 327.168



79, 30.967, 327.407



70, 18.757, 130.009



35, 6.469, 326.660



36, 75.205, 330.845



3, 15.243, 327.090

Previews

White Background



This preview shows how the CIELCh color 61, 18.078, 294.412 looks on a white background.

Color Contrast Check

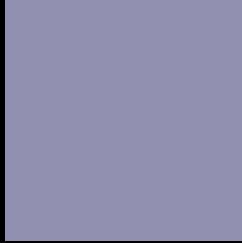
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.078, 294.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

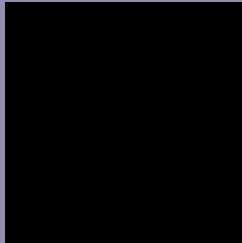
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 18.078, 294.412

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.078, 294.412.



This preview shows how white text looks on a background with the CIELCh color 61, 18.078, 294.412.

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

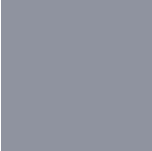
61, 18.078, 294.412

Protanopia

61, 17.534, 285.215

Deuteranopia

61, 18.100, 295.536



Tritanopia
61, 6.892, 278.480

Trichromacy



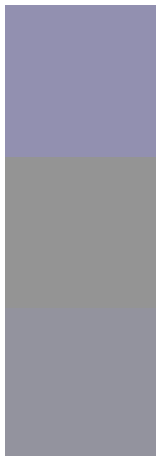
Original Color
61, 18.078, 294.412

Protanomaly
61, 18.044, 288.816

Deuteranomaly
61, 18.100, 295.536

Tritanomaly
61, 10.717, 287.455

Monochromacy



Original Color
61, 18.078, 294.412

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.193, 290.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.078, 294.412 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.078, 294.412 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, 176) }
```

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

```
.border{ border-color:rgb(146, 144, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 144, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 144, 176); box-shadow:4px 4px 4px 4px rgb(146, 144, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.078, 294.412 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, 176) }
```

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

```
.background{ background-color: rgb(146,  
144, 176) }
```

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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