

Converting Colors

CIELCh(61, 18.940, 293.447)

Have a look what the booklet for
CIELCh(61, 18.940, 293.447)
contains.

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Color

CIELCh(61, 19.187, 293.336)

Conversions

Conversions Part 1

Format	Color
Hex	9190B2
RGB	145, 144, 178
RGB Percent	57%, 56%, 70%
CMY	0.4308, 0.4347, 0.3013
CMYK	0.19, 0.19, 0.00, 0.30
HSL	242°, 18%, 63%
HSV	242°, 19%, 70%
XYZ	29.7534, 29.2481, 46.2814
YIQ	148.1750, -10.3180, 10.7860

Conversions

Conversions Part 2

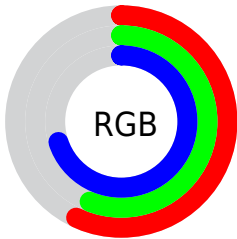
Format	Color
R_{YB}	145, 144, 178
Decimal	9539762
CIE _{Lab}	61.00, 7.60, -17.62
CIE _{LCh}	61, 19.187, 293.336
Yxy	29.2481, 0.2826, 0.2778
Android (android.graphics.Color)	4287729842 (0xFF9190B2)
YUV	148.1750, 14.7037, -2.7845
Hunter-Lab	54.0815, 3.5604, -12.8815

Details

The CIELCh color $61, 19.187, 293.336$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 18.370, 109.602$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 19.168, 292.870$, and $41, 18.845, 292.950$ is the 20% darker color. If you saturate the color by 10%, you get $55, 29.848, 294.649$, and if you desaturate by 10%, it is $67, 8.955, 292.216$.

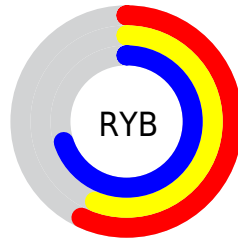
Distribution



Red (57%)

Green (56%)

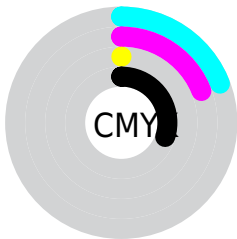
Blue (70%)



Red (57%)

Yellow (56%)

Blue (70%)

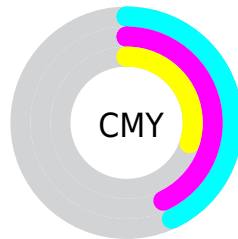


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (30%)



Cyan (43%)


Magenta (43%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.187, 293.336 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, 19.187, 293.336 by changing the saturation by 10% instead.


 61, 19.187,
293.336


 61, 19.187,
293.336


 100, 19.187,
293.336


 51, 19.187,
293.336


 81, 19.187,
293.336

 41, 19.187,
293.336

 91, 19.187,
293.336

 31, 19.187,
293.336

 21, 19.187,
293.336

 11, 19.187,
293.336

 1, 19.187, 293.336

 0, 19.187, 293.336

61, 19.187,
293.336

61, 19.187,
293.336

55, 29.848,
294.649

67, 8.955, 292.216

49, 40.962,
296.178

73, 0.874, 111.200

43, 52.512,
297.930

79, 10.329,
110.438

37, 64.384,
299.874

85, 19.440,
109.745

32, 76.232,
301.910

91, 28.229,
109.151

27, 87.257,
303.835

97, 36.720,
108.639

23, 96.060,
305.345

98, 38.548,
107.237

21, 101.624,

306.291

■ 21, 102.095,
306.378

Harmonies

Complementary

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



61, 19.187, 293.336



72, 18.370, 109.602

Rectangle

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



61, 19.187, 293.336



61, 19.187, 343.336



61, 19.187, 113.336



61, 19.187, 163.336

Sweetspot

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



61, 19.186, 293.334



87, 7.291, 291.917



70, 11.877, 199.977



46, 4.881, 291.980



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 19.186, 293.334



75, 28.915, 293.876



62, 20.216, 310.509



34, 5.593, 292.240



17, 91.226, 306.396



1, 13.321, 291.072

Inverse Universe

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



64, 22.355, 326.271



79, 33.409, 326.509



70, 19.721, 128.805



35, 6.617, 325.723



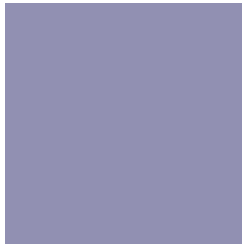
36, 77.155, 329.418



3, 15.771, 325.663

Previews

White Background



This preview shows how the CIELCh color 61, 19.187, 293.336 looks on a white background.

Color Contrast Check

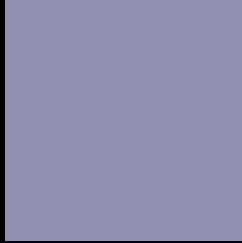
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.187, 293.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

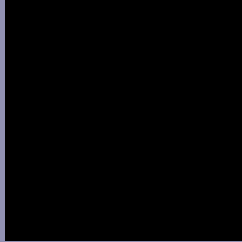
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 19.187, 293.336

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.187, 293.336.



This preview shows how white text looks on a background with the CIELCh color 61, 19.187, 293.336.

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, 19.187, 293.336

Protanopia

61, 18.647, 285.787

Deuteranopia

61, 19.202, 294.386



Tritanopia
61, 6.973, 275.507

Trichromacy



Original Color
61, 19.187, 293.336

Protanomaly
61, 19.166, 289.150

Deuteranomaly
61, 19.202, 294.386

Tritanomaly
61, 11.300, 285.885

Monochromacy



Original Color
61, 19.187, 293.336

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, 19.187, 293.336 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.187, 293.336 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, 178) }
```

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

```
.border{ border-color:rgb(145, 144, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 178);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.187, 293.336 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, 178) }
```

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

```
.background{ background-color: rgb(145,  
144, 178) }
```

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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