

Converting Colors

CIELCh(61, 18.782, 298.501)

Have a look what the booklet for
CIELCh(61, 18.782, 298.501)
contains.

CIELCh(61, 18.786, 298.754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 18.786, 298.754)

Conversions

Conversions Part 1

Format	Color
Hex	958FB0
RGB	149, 143, 176
RGB Percent	58%, 56%, 69%
CMY	0.4150, 0.4385, 0.3091
CMYK	0.15, 0.19, 0.00, 0.31
HSL	251°, 17%, 63%
HSV	251°, 19%, 69%
XYZ	30.1327, 29.2481, 45.2296
YIQ	148.5560, -7.0170, 11.5350

Conversions

Conversions Part 2

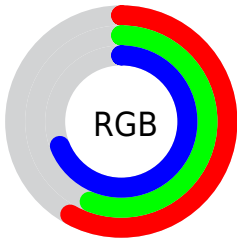
Format	Color
RYB	149, 143, 176
Decimal	9801648
CIELab	61.00, 9.04, -16.47
CIELCh	61, 18.786, 298.754
Yxy	29.2481, 0.2880, 0.2796
Android (android.graphics.Color)	4287991728 (0xFF958FB0)
YUV	148.5560, 13.5299, 0.3894
Hunter-Lab	54.0815, 4.8123, -11.7284

Details

The CIELCh color $61, 18.786, 298.754$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71, 18.047, 115.989$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.784, 298.081$, and $41, 18.385, 298.676$ is the 20% darker color. If you saturate the color by 10%, you get $55, 29.369, 299.706$, and if you desaturate by 10%, it is $67, 8.595, 297.923$.

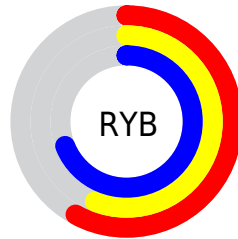
Distribution



Red (58%)

Green (56%)

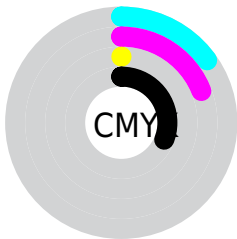
Blue (69%)



Red (58%)

Yellow (56%)

Blue (69%)

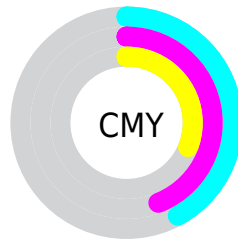


Cyan (15%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (42%)


Magenta (44%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 18.786, 298.754 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, 18.786, 298.754 by changing the saturation by 10% instead.


 61, 18.786,
298.754


 61, 18.786,
298.754


 100, 18.786,
298.754


 51, 18.786,
298.754


 81, 18.786,
298.754

 41, 18.786,
298.754

 91, 18.786,
298.754

 31, 18.786,
298.754

 21, 18.786,
298.754

 11, 18.786,
298.754

 1, 18.786, 298.754

 0, 18.786, 298.754

61, 18.786,
298.754

61, 18.786,
298.754

55, 29.369,
299.706

67, 8.595, 297.923

49, 40.345,
300.791

73, 1.214, 117.210

44, 51.662,
301.999

78, 10.661,
116.589

38, 63.171,
303.300

84, 19.771,
116.058

33, 74.530,
304.617

90, 28.565,
115.601

28, 85.051,
305.807

95, 37.063,
115.207

25, 93.616,
306.660

98, 39.569,
109.910

22, 99.384,

98, 39.515,
107.163

307.069

■ 22, 100.067,
307.133

Harmonies

Complementary

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



61, 18.786, 298.754



71, 18.047, 115.989

Rectangle

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



61, 18.786, 298.754



61, 18.786, 348.754



61, 18.786, 118.754



61, 18.786, 168.754

Sweetspot

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



61, 18.784, 298.753



87, 7.288, 297.724



68, 10.174, 216.074



45, 4.834, 297.771



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, 18.784, 298.753



75, 27.542, 299.086



62, 20.287, 315.445



35, 5.639, 297.969



18, 90.086, 307.205



1, 13.396, 295.684

Inverse Universe

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



63, 19.570, 331.035



79, 28.518, 331.270



69, 19.969, 133.854



35, 5.952, 330.436



35, 68.648, 336.915



2, 13.554, 332.668

Previews

White Background



This preview shows how the CIELCh color 61, 18.786, 298.754 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, 18.786, 298.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

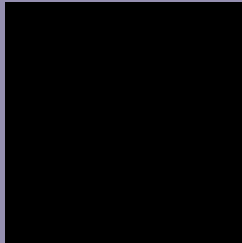
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 18.786, 298.754

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.786, 298.754.



This preview shows how white text looks on a background with the CIELCh color 61, 18.786, 298.754.

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, 18.786, 298.754

Protanopia

61, 18.091, 285.508

Deuteranopia

61, 18.100, 295.536



Tritanopia
61, 6.764, 290.938

Trichromacy



Original Color
61, 18.786, 298.754

Protanomaly
61, 18.034, 289.925

Deuteranomaly
61, 18.128, 296.660

Tritanomaly
61, 11.315, 295.153

Monochromacy



Original Color
61, 18.786, 298.754

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 6.808, 297.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.786, 298.754 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(149, 143, 176)` looks like.

```
.text, #text, p{  
    color:rgb(149, 143, 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(149, 143, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 143, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.786, 298.754 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(149, 143, 176) }
```

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

```
.border{ border-color:rgb(149, 143, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 143, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 143, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 143, 176);  
box-shadow:4px 4px 4px 4px rgb(149, 143,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.786, 298.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 143, 176) }
```

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

```
.background{ background-color: rgb(149,  
143, 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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