

Converting Colors

CIELCh(61, 17.453, 300.870)

Have a look what the booklet for
CIELCh(61, 17.453, 300.870)
contains.

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Color

CIELCh(61, 17.776, 301.407)

Conversions

Conversions Part 1

Format	Color
Hex	978FAE
RGB	151, 143, 174
RGB Percent	59%, 56%, 68%
CMY	0.4081, 0.4395, 0.3179
CMYK	0.13, 0.18, 0.00, 0.32
HSL	255°, 16%, 62%
HSV	255°, 18%, 68%
XYZ	30.1927, 29.2481, 44.0596
YIQ	148.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

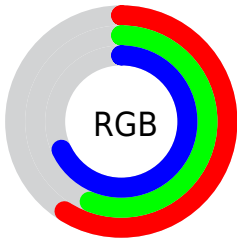
Format	Color
RYB	151, 143, 174
Decimal	9932718
CIELab	61.00, 9.26, -15.17
CIELCh	61, 17.776, 301.407
Yxy	29.2481, 0.2917, 0.2826
Android (android.graphics.Color)	4288122798 (0xFF978FAE)
YUV	148.9260, 12.3615, 1.8189
Hunter-Lab	54.0815, 5.0105, -10.4458

Details

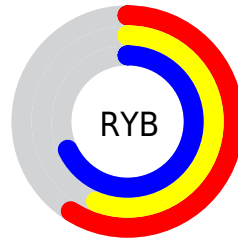
The CIELCh color $61, 17.776, 301.407$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 17.155, 119.132$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 17.829, 300.603$, and $41, 17.881, 301.230$ is the 20% darker color. If you saturate the color by 10%, you get $55, 28.251, 302.208$, and if you desaturate by 10%, it is $67, 7.664, 300.698$.

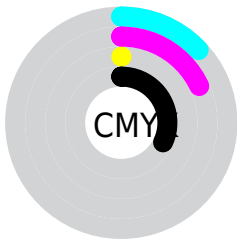
Distribution



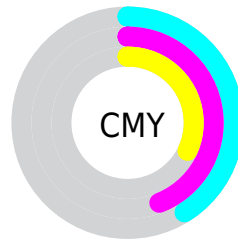
- Red (59%)
- Green (56%)
- Blue (68%)



- Red (59%)
- Yellow (56%)
- Blue (68%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (32%)



- Cyan (41%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 17.776, 301.407 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, 17.776, 301.407 by changing the saturation by 10% instead.

■ 61, 17.776,
301.407

■ 61, 17.776,
301.407

■ 100, 17.776,
301.407

■ 51, 17.776,
301.407

■ 81, 17.776,
301.407

■ 41, 17.776,
301.407

■ 91, 17.776,
301.407

■ 31, 17.776,
301.407

■ 21, 17.776,
301.407

■ 11, 17.776,
301.407

■ 1, 17.776, 301.407

■ 0, 17.776, 301.407

61, 17.776,
301.407

61, 17.776,
301.407

55, 28.251,
302.208

67, 7.664, 300.698

50, 39.078,
303.107

72, 2.086, 120.102

44, 50.191,
304.093

78, 11.489,
119.557

39, 61.434,
305.133

83, 20.565,
119.096

34, 72.473,
306.161

89, 29.334,
118.698

29, 82.692,
307.057

94, 37.813,
118.357

25, 91.122,
307.646

97, 41.005,
114.494

23, 96.919,

98, 40.624,
107.534

307.808

 98, 40.622,
107.077

 22, 98.085,
307.858

Harmonies

Complementary

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



61, 17.776, 301.407



70, 17.155, 119.132

Rectangle

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



61, 17.776, 301.407



61, 17.776, 351.407



61, 17.776, 121.407



61, 17.776, 171.407

Sweetspot

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



61, 17.774, 301.406



87, 6.057, 300.520



67, 9.252, 226.516



46, 4.170, 300.564



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, 17.774, 301.406



75, 26.173, 301.679



62, 19.471, 318.043



34, 5.548, 300.798



19, 88.039, 307.955



1, 11.487, 298.394

Inverse Universe

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



63, 17.455, 333.799



78, 25.571, 334.049



69, 19.261, 136.484



34, 5.504, 333.210



33, 64.216, 341.624



2, 10.869, 336.041

Previews

White Background



This preview shows how the CIELCh color 61, 17.776, 301.407 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, 17.776, 301.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

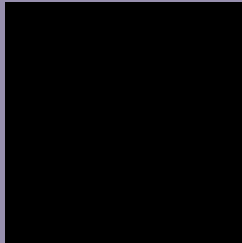
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 17.776, 301.407

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.776, 301.407.



This preview shows how white text looks on a background with the CIELCh color 61, 17.776, 301.407.

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, 17.776, 301.407

Protanopia

61, 16.945, 286.076

Deuteranopia

61, 17.045, 298.073



Tritanopia
61, 6.257, 297.787

Trichromacy



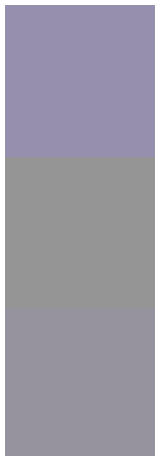
Original Color
61, 17.776, 301.407

Protanomaly
61, 16.908, 292.038

Deuteranomaly
61, 17.090, 299.276

Tritanomaly
61, 10.280, 299.595

Monochromacy



Original Color
61, 17.776, 301.407

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 6.310, 301.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.776, 301.407 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(151, 143, 174)` looks like.

```
.text, #text, p{  
    color:rgb(151, 143, 174)  
}
```

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(151, 143, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 143, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.776, 301.407 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(151, 143, 174) }
```

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

```
.border{ border-color:rgb(151, 143, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 143, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 143, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 143, 174); box-shadow:4px 4px 4px 4px rgb(151, 143, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.776, 301.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 143, 174) }
```

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

```
.background{ background-color: rgb(151,  
143, 174) }
```

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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