

Converting Colors

CIELCh(61, 21.185, 301.106)

Have a look what the booklet for
CIELCh(61, 21.185, 301.106)
contains.

CIELCh(61, 21.185, 301.106)	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, 21.185, 301.106)

Conversions

Conversions Part 1

Format	Color
Hex	978EB3
RGB	151, 142, 179
RGB Percent	59%, 56%, 70%
CMY	0.4072, 0.4425, 0.2974
CMYK	0.16, 0.21, 0.00, 0.30
HSL	255°, 20%, 63%
HSV	255°, 21%, 70%
XYZ	30.6413, 29.2481, 46.7645
YIQ	148.9090, -6.5130, 13.4150

Conversions

Conversions Part 2

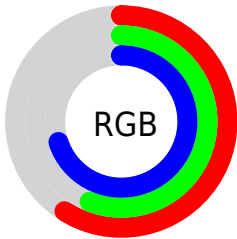
Format	Color
RYB	151, 142, 179
Decimal	9932467
CIELab	61.00, 10.94, -18.14
CIElCh	61, 21.185, 301.106
Yxy	29.2481, 0.2873, 0.2742
Android (android.graphics.Color)	4288122547 (0xFF978EB3)
YUV	148.9090, 14.8349, 1.8338
Hunter-Lab	54.0815, 6.4912, -13.4112

Details

The CIELCh color **61, 21.185, 301.106** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **71, 20.310, 118.359**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 21.104, 301.281**, and **41, 20.954, 301.293** is the 20% darker color. If you saturate the color by 10%, you get **55, 32.017, 301.964**, and if you desaturate by 10%, it is **67, 10.731, 300.348**.

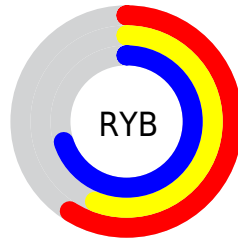
Distribution



Red (59%)

Green (56%)

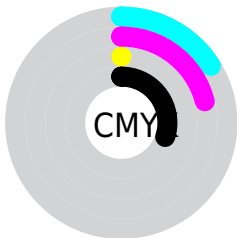
Blue (70%)



Red (59%)

Yellow (56%)

Blue (70%)

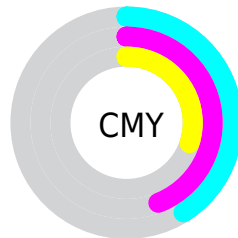


Cyan (16%)

Magenta (21%)

Yellow (0%)

Black (30%)



Cyan (41%)


Magenta (44%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 21.185, 301.106 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, 21.185, 301.106 by changing the saturation by 10% instead.


 61, 21.185,
301.106


 61, 21.185,
301.106


 100, 21.185,
301.106


 51, 21.185,
301.106


 81, 21.185,
301.106

 41, 21.185,
301.106

 91, 21.185,
301.106

 31, 21.185,
301.106

 21, 21.185,
301.106

 11, 21.185,
301.106

 1, 21.185, 301.106

 0, 21.185, 301.106

61, 21.185,
301.106

61, 21.185,
301.106

55, 32.017,
301.964

67, 10.731,
300.348

49, 43.206,
302.926

73, 0.655, 299.653

78, 9.058, 119.124

44, 54.668,
303.975

84, 18.428,
118.630

38, 66.205,
305.071

90, 27.476,
118.205

33, 77.402,
306.131

95, 36.221,
117.839

29, 87.509,
307.016

98, 38.234,
112.427

25, 95.419,
307.529

98, 38.057,
107.275

23, 100.514,

307.682

Harmonies

Complementary

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



61, 21.185, 301.106



71, 20.310, 118.359

Rectangle

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



61, 21.185, 301.106



61, 21.185, 351.106



61, 21.185, 121.106



61, 21.185, 171.106

Sweetspot

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



61, 21.183, 301.105



88, 7.399, 300.035



68, 10.950, 224.554



46, 4.953, 300.078



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, 21.183, 301.105



74, 31.918, 301.501



63, 23.075, 317.648



35, 5.673, 300.255



19, 89.344, 307.780



1, 13.450, 297.524

Inverse Universe

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



63, 20.963, 333.426



78, 31.336, 333.759



70, 22.767, 135.831



35, 5.697, 332.650



34, 65.662, 340.676



2, 12.812, 335.783

Previews

White Background



This preview shows how the CIELCh color 61, 21.185, 301.106 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, 21.185, 301.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

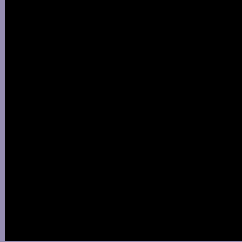
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 21.185, 301.106

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.185, 301.106.



This preview shows how white text looks on a background with the CIELCh color 61, 21.185, 301.106.

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, 21.185, 301.106

Protanopia

61, 20.348, 285.597

Deuteranopia

61, 19.763, 294.379



Tritanopia
61, 6.780, 294.107

Trichromacy



Original Color
61, 21.185, 301.106

Protanomaly
61, 20.278, 290.433

Deuteranomaly
61, 20.425, 297.351

Tritanomaly
61, 11.953, 298.549

Monochromacy



Original Color
61, 21.185, 301.106

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.418, 299.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.185, 301.106 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, 142, 179)` looks like.

```
.text, #text, p{  
    color:rgb(151, 142, 179)  
}
```

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, 142, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 142, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.185, 301.106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

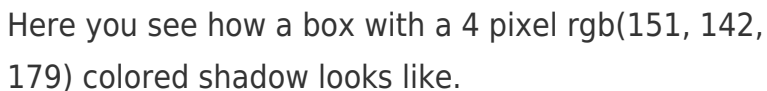
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 142, 179) }
```

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

```
.border{ border-color:rgb(151, 142, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 142, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 142, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 142, 179); box-shadow:4px 4px 4px 4px rgb(151, 142, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.185, 301.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 142, 179) }
```

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

```
.background{ background-color: rgb(151,  
142, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor