

Converting Colors

CIELCh(61, 27.615, 348.884)

Have a look what the booklet for
CIELCh(61, 27.615, 348.884)
contains.

CIELCh(61, 27.282, 349.044)	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, 27.282, 349.044)

Conversions

Conversions Part 1

Format	Color
Hex	BD829D
RGB	189, 130, 157
RGB Percent	74%, 51%, 62%
CMY	0.2585, 0.4899, 0.3840
CMYK	0.00, 0.31, 0.17, 0.26
HSL	333°, 31%, 63%
HSV	333°, 31%, 74%
XYZ	35.0877, 29.2481, 35.7253
YIQ	150.7190, 26.4970, 20.9050

Conversions

Conversions Part 2

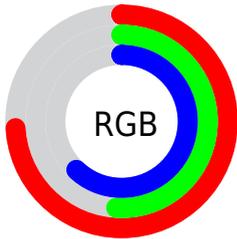
Format	Color
RYB	189, 130, 157
Decimal	12419741
CIELab	61.00, 26.78, -5.19
CIElCh	61, 27.282, 349.044
Yxy	29.2481, 0.3507, 0.2923
Android (android.graphics.Color)	4290609821 (0xFFBD829D)
YUV	150.7190, 3.0965, 33.5724
Hunter-Lab	54.0815, 21.1667, -1.3088

Details

The CIELCh color $61, 27.282, 349.044$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 26.028, 163.040$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 27.100, 348.761$, and $41, 27.299, 349.184$ is the 20% darker color. If you saturate the color by 10%, you get $56, 36.041, 350.329$, and if you desaturate by 10%, it is $66, 18.406, 347.931$.

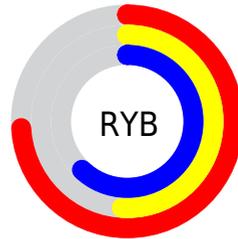
Distribution



Red (74%)

Green (51%)

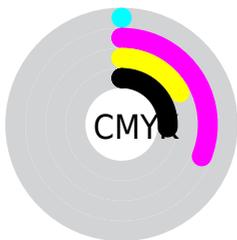
Blue (62%)



Red (74%)

Yellow (51%)

Blue (62%)

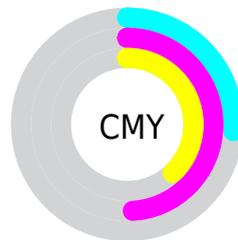


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 27.282, 349.044 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, 27.282, 349.044 by changing the saturation by 10% instead.

 61, 27.282,
349.044

 61, 27.282,
349.044

 100, 27.282,
349.044

 51, 27.282,
349.044

 81, 27.282,
349.044

 41, 27.282,
349.044

 91, 27.282,
349.044

 31, 27.282,
349.044

 21, 27.282,
349.044

 11, 27.282,
349.044

 1, 27.282, 349.044

 0, 27.282, 349.044

61, 27.282,
349.044

61, 27.282,
349.044

56, 36.041,
350.329

66, 18.406,
347.931

52, 44.401,
351.841

71, 9.615, 346.934

76, 1.024, 345.709

48, 51.977,
353.670

81, 7.300, 165.369

45, 58.325,
355.934

87, 15.331,
164.621

43, 63.045,
358.788

92, 23.062,
163.952

41, 65.948, 2.402

95, 26.365,
167.133

40, 67.423, 6.160

95, 23.669,
177.707

■ 96, 21.878,
190.423

Harmonies

Complementary

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



61, 27.282, 349.044



72, 26.028, 163.040

Rectangle

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



61, 27.282, 349.044



61, 27.282, 39.044



61, 27.282, 169.044



61, 27.282, 219.044

Sweetspot

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



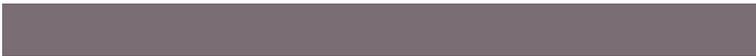
61, 27.280, 349.046



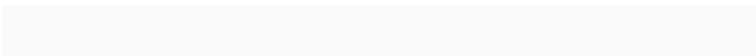
91, 9.499, 346.737



59, 35.296, 311.678



47, 6.611, 346.877



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 27.280, 349.046



74, 39.946, 349.842



61, 23.827, 24.498



37, 4.843, 346.757



33, 59.075, 5.458



3, 13.641, 354.080

Inverse Universe

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



61, 27.280, 349.046



74, 39.946, 349.842



72, 19.189, 201.161



37, 4.843, 346.757



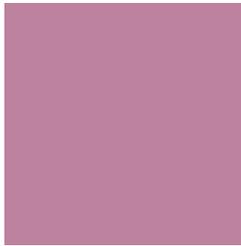
33, 59.075, 5.458



3, 13.641, 354.080

Previews

White Background



This preview shows how the CIELCh color 61, 27.282, 349.044 looks on a white background.

Color Contrast Check

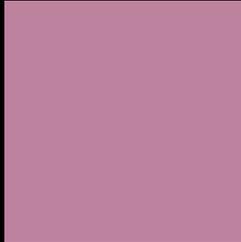
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.282, 349.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

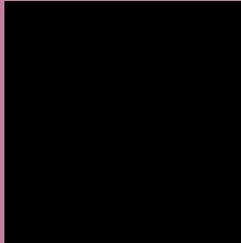
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 27.282, 349.044

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.282, 349.044.



This preview shows how white text looks on a background with the CIELCh color 61, 27.282, 349.044.

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, 27.282, 349.044

Protanopia
61, 11.839, 287.969

Deuteranopia
61, 9.172, 332.951



Tritanopia
61, 22.388, 7.516

Trichromacy



Original Color
61, 27.282, 349.044

Protanomaly
61, 15.062, 321.488

Deuteranomaly
61, 15.989, 341.926

Tritanomaly
61, 23.887, 0.229

Monochromacy



Original Color
61, 27.282, 349.044

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.246, 347.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.282, 349.044 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(189, 130, 157)` looks like.

```
.text, #text, p{  
    color:rgb(189, 130, 157)  
}
```

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(189, 130, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 130, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.282, 349.044 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(189, 130, 157) }
```

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

```
.border{ border-color:rgb(189, 130, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 130, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 130, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 130, 157);  
box-shadow:4px 4px 4px 4px rgb(189, 130,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.282, 349.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 130, 157) }
```

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

```
.background{ background-color: rgb(189,  
130, 157) }
```

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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