

Converting Colors

CIELCh(61, 19.120, 346.691)

Have a look what the booklet for
CIELCh(61, 19.120, 346.691)
contains.

CIELCh(61, 18.831, 347.061)	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, 18.831, 347.061)

Conversions

Conversions Part 1

Format	Color
Hex	B0889B
RGB	176, 136, 155
RGB Percent	69%, 53%, 61%
CMY	0.3094, 0.4663, 0.3918
CMYK	0.00, 0.23, 0.12, 0.31
HSL	332°, 20%, 61%
HSV	332°, 23%, 69%
XYZ	32.6709, 29.2481, 34.9780
YIQ	150.1260, 17.7410, 14.3890

Conversions

Conversions Part 2

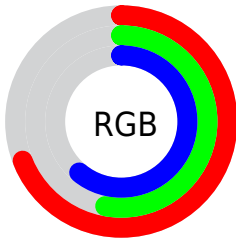
Format	Color
R_{YB}	176, 136, 155
Decimal	11569307
CIE _{Lab}	61.00, 18.35, -4.22
CIE _{LCh}	61, 18.831, 347.061
Yxy	29.2481, 0.3372, 0.3018
Android (android.graphics.Color)	4289759387 (0xFFB0889B)
YUV	150.1260, 2.4029, 22.6915
Hunter-Lab	54.0815, 13.1898, -0.4896

Details

The CIELCh color $61, 18.831, 347.061$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 18.244, 163.005$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.443, 347.941$, and $41, 18.802, 347.084$ is the 20% darker color. If you saturate the color by 10%, you get $56, 27.271, 348.166$, and if you desaturate by 10%, it is $66, 10.431, 346.078$.

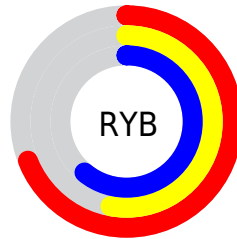
Distribution



Red (69%)

Green (53%)

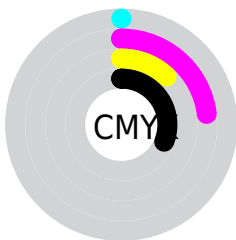
Blue (61%)



Red (69%)

Yellow (53%)

Blue (61%)

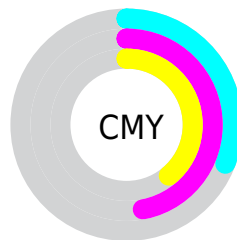


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (31%)



Cyan (31%)


Magenta (47%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 18.831, 347.061 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, 18.831, 347.061 by changing the saturation by 10% instead.


 61, 18.831,
347.061


 61, 18.831,
347.061


 100, 18.831,
347.061


 51, 18.831,
347.061


 81, 18.831,
347.061

 41, 18.831,
347.061

 91, 18.831,
347.061

 31, 18.831,
347.061

 21, 18.831,
347.061

 11, 18.831,
347.061

 1, 18.831, 347.061

 0, 18.831, 347.061

61, 18.831,
347.061

61, 18.831,
347.061

56, 27.271,
348.166

66, 10.431,
346.078

52, 35.560,
349.433

71, 2.202, 345.074

75, 5.791, 164.525

48, 43.412,
350.924

80, 13.515,
163.769

45, 50.452,
352.722

85, 20.959,
163.099

42, 56.258,
354.945

90, 28.129,
162.485

40, 60.464,
357.741

94, 32.588,
163.665

38, 62.918, 1.275

94, 29.795,
170.899

38, 64.020, 4.223

■ 95, 27.501,
179.433

Harmonies

Complementary

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



61, 18.831, 347.061



69, 18.244, 163.005

Rectangle

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



61, 18.831, 347.061



61, 18.831, 37.061



61, 18.831, 167.061



61, 18.831, 217.061

Sweetspot

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



61, 18.829, 347.063



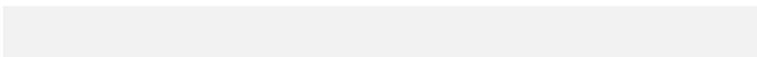
87, 7.073, 345.553



60, 23.943, 310.688



46, 4.594, 345.607



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, 18.829, 347.063



75, 27.852, 347.570



61, 16.082, 22.347



35, 4.678, 345.761



32, 57.747, 3.669



2, 10.459, 351.256

Inverse Universe

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



61, 18.829, 347.063



75, 27.852, 347.570



69, 13.840, 199.824



35, 4.678, 345.761



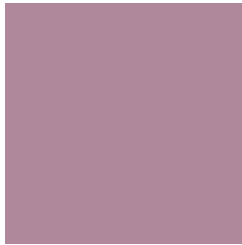
32, 57.747, 3.669



2, 10.459, 351.256

Previews

White Background



This preview shows how the CIELCh color 61, 18.831, 347.061 looks on a white background.

Color Contrast Check

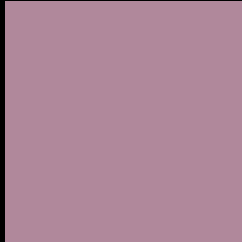
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.831, 347.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

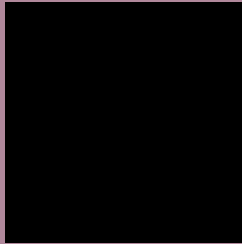
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 18.831, 347.061

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.831, 347.061.



This preview shows how white text looks on a background with the CIELCh color 61, 18.831, 347.061.

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, 18.831, 347.061

Protanopia

61, 8.453, 291.122

Deuteranopia

61, 8.771, 335.444



Tritanopia
61, 16.230, 358.896

Trichromacy



Original Color
61, 18.831, 347.061

Protanomaly
61, 11.199, 321.696

Deuteranomaly
61, 12.502, 341.728

Tritanomaly
61, 16.841, 353.519

Monochromacy



Original Color
61, 18.831, 347.061

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.724, 344.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.831, 347.061 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(176, 136, 155)` looks like.

```
.text, #text, p{  
    color:rgb(176, 136, 155)  
}
```

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(176, 136, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 136, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.831, 347.061 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(176, 136, 155) }
```

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

```
.border{ border-color:rgb(176, 136, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 136, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 136, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 136, 155);  
box-shadow:4px 4px 4px 4px rgb(176, 136,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.831, 347.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 136, 155) }
```

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

```
.background{ background-color: rgb(176,  
136, 155) }
```

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