

Converting Colors

CIELCh(61, 20.194, 349.577)

Have a look what the booklet for
CIELCh(61, 20.194, 349.577)
contains.

CIELCh(61, 20.163, 349.834)	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, 20.163, 349.834)

Conversions

Conversions Part 1

Format	Color
Hex	B3879A
RGB	179, 135, 154
RGB Percent	70%, 53%, 60%
CMY	0.2980, 0.4705, 0.3960
CMYK	0.00, 0.25, 0.14, 0.30
HSL	334°, 22%, 62%
HSV	334°, 25%, 70%
XYZ	33.0906, 29.2481, 34.4766
YIQ	150.3220, 20.1250, 15.2370

Conversions

Conversions Part 2

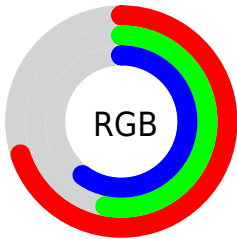
Format	Color
RYB	179, 135, 154
Decimal	11765658
CIELab	61.00, 19.85, -3.56
CIELCh	61, 20.163, 349.834
Yxy	29.2481, 0.3418, 0.3021
Android (android.graphics.Color)	4289955738 (0xFFB3879A)
YUV	150.3220, 1.8133, 25.1506
Hunter-Lab	54.0815, 14.5752, 0.0602

Details

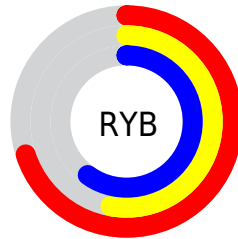
The CIELCh color $61, 20.163, 349.834$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 19.339, 165.234$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 19.722, 350.479$, and $41, 20.215, 350.208$ is the 20% darker color. If you saturate the color by 10%, you get $56, 28.544, 351.036$, and if you desaturate by 10%, it is $66, 11.824, 348.781$.

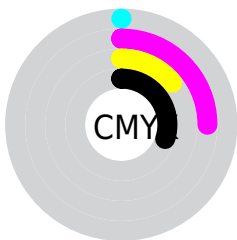
Distribution



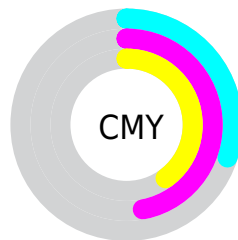
- Red (70%)
- Green (53%)
- Blue (60%)



- Red (70%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (30%)





- Cyan (30%)
- Magenta (47%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 20.163, 349.834 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, 20.163, 349.834 by changing the saturation by 10% instead.


 61, 20.163,
349.834


 61, 20.163,
349.834


 100, 20.163,
349.834


 51, 20.163,
349.834


 81, 20.163,
349.834

 41, 20.163,
349.834

 91, 20.163,
349.834

 31, 20.163,
349.834

 21, 20.163,
349.834

 11, 20.163,
349.834

 1, 20.163, 349.834

 0, 20.163, 349.834

61, 20.163,
349.834

61, 20.163,
349.834

56, 28.544,
351.036

66, 11.824,
348.781

52, 36.769,
352.436

71, 3.662, 347.783

76, 4.252, 167.156

48, 44.538,
354.108

81, 11.885,
166.346

45, 51.470,
356.155

86, 19.228,
165.648

42, 57.152,
358.715

91, 26.287,
165.013

40, 61.260, 1.956

95, 30.148,

39, 63.729, 6.036

166.963

38, 64.773, 8.456

95, 27.369,
175.997

■ 95, 25.328,
186.716

Harmonies

Complementary

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



61, 20.163, 349.834



69, 19.339, 165.234

Rectangle

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



61, 20.163, 349.834



61, 20.163, 39.834



61, 20.163, 169.834



61, 20.163, 219.834

Sweetspot

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



61, 20.161, 349.836



88, 6.939, 348.047



60, 26.557, 312.445



47, 4.549, 348.105



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, 20.161, 349.836



75, 29.490, 350.405



61, 16.968, 26.570



35, 4.550, 348.263



32, 57.671, 7.783



2, 10.234, 353.629

Inverse Universe

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



61, 20.161, 349.836



75, 29.490, 350.405



69, 14.353, 204.763



35, 4.550, 348.263



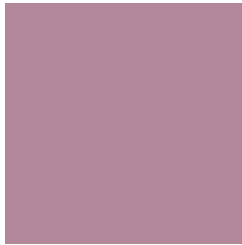
32, 57.671, 7.783



2, 10.234, 353.629

Previews

White Background



This preview shows how the CIELCh color 61, 20.163, 349.834 looks on a white background.

Color Contrast Check

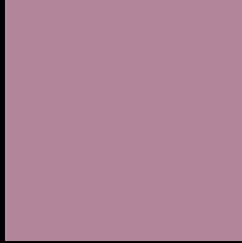
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.163, 349.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

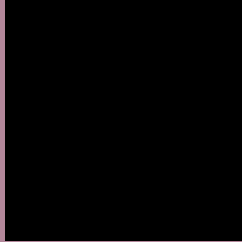
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 20.163, 349.834

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.163, 349.834.



This preview shows how white text looks on a background with the CIELCh color 61, 20.163, 349.834.

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, 20.163, 349.834

Protanopia

61, 8.453, 291.122

Deuteranopia

61, 8.390, 338.176



Tritanopia
61, 17.754, 1.104

Trichromacy



Original Color
61, 20.163, 349.834

Protanomaly
61, 10.932, 324.965

Deuteranomaly
61, 12.486, 344.948

Tritanomaly
61, 18.287, 356.087

Monochromacy



Original Color
61, 20.163, 349.834

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.098, 351.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.163, 349.834 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(179, 135, 154)` looks like.

```
.text, #text, p{  
    color:rgb(179, 135, 154)  
}
```

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(179, 135, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 135, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.163, 349.834 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(179, 135, 154) }
```

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

```
.border{ border-color:rgb(179, 135, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 135, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 135, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 135, 154);  
box-shadow:4px 4px 4px 4px rgb(179, 135,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.163, 349.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 135, 154) }
```

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

```
.background{ background-color: rgb(179,  
135, 154) }
```

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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