

Converting Colors

CIELCh(61, 19.777, 348.990)

Have a look what the booklet for
CIELCh(61, 19.777, 348.990)
contains.

CIELCh(61, 19.832, 349.175)	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, 19.832, 349.175)

Conversions

Conversions Part 1

Format	Color
Hex	B2879A
RGB	178, 135, 154
RGB Percent	70%, 53%, 60%
CMY	0.3008, 0.4695, 0.3950
CMYK	0.00, 0.24, 0.13, 0.30
HSL	333°, 22%, 61%
HSV	333°, 24%, 70%
XYZ	32.9870, 29.2481, 34.6026
YIQ	150.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

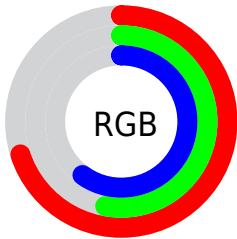
Format	Color
R _Y B	178, 135, 154
Decimal	11700122
CIE Lab	61.00, 19.48, -3.72
CIE LCh	61, 19.832, 349.175
Yxy	29.2481, 0.3406, 0.3020
Android (android.graphics.Color)	4289890202 (0xFFB2879A)
YUV	150.0230, 1.9607, 24.5358
Hunter-Lab	54.0815, 14.2334, -0.0780

Details

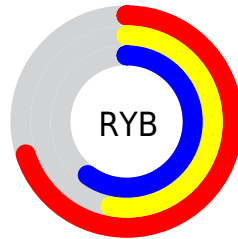
The CIELCh color $61, 19.832, 349.175$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 19.070, 164.708$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 19.403, 349.875$, and $41, 19.864, 349.469$ is the 20% darker color. If you saturate the color by 10%, you get $56, 28.223, 350.354$, and if you desaturate by 10%, it is $66, 11.482, 348.139$.

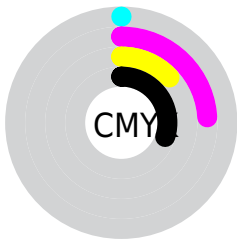
Distribution



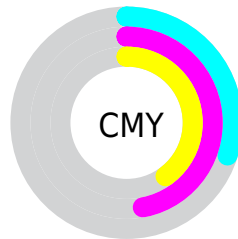
- Red (70%)
- Green (53%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (30%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.832, 349.175 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, 19.832, 349.175 by changing the saturation by 10% instead.


 61, 19.832,
349.175


 61, 19.832,
349.175


 100, 19.832,
349.175


 51, 19.832,
349.175


 81, 19.832,
349.175

 41, 19.832,
349.175

 91, 19.832,
349.175

 31, 19.832,
349.175

 21, 19.832,
349.175

 11, 19.832,
349.175

 1, 19.832, 349.175

 0, 19.832, 349.175

61, 19.832,
349.175

61, 19.832,
349.175

56, 28.223,
350.354

66, 11.482,
348.139

52, 36.459,
351.721

71, 3.308, 347.145

76, 4.621, 166.529

48, 44.244,
353.349

81, 12.271,
165.733

45, 51.198,
355.336

86, 19.635,
165.042

42, 56.905,
357.814

91, 26.717,
164.412

40, 61.030, 0.948

94, 30.718,
166.159

39, 63.487, 4.900

38, 64.551, 7.471

95, 27.926,
174.737

■ 95, 25.809,
184.911

Harmonies

Complementary

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



61, 19.832, 349.175



69, 19.070, 164.708

Rectangle

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



61, 19.832, 349.175



61, 19.832, 39.175



61, 19.832, 169.175



61, 19.832, 219.175

Sweetspot

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



61, 19.830, 349.177



88, 6.983, 347.457



60, 25.888, 311.871



47, 4.578, 347.514



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, 19.830, 349.177



75, 29.652, 349.789



61, 16.820, 25.142



35, 4.579, 347.671



32, 57.657, 6.826



2, 10.283, 353.083

Inverse Universe

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



61, 19.830, 349.177



75, 29.652, 349.789



69, 14.290, 203.047



35, 4.579, 347.671



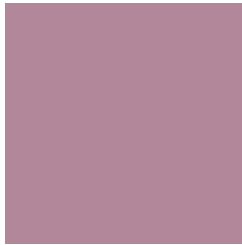
32, 57.657, 6.826



2, 10.283, 353.083

Previews

White Background



This preview shows how the CIELCh color 61, 19.832, 349.175 looks on a white background.

Color Contrast Check

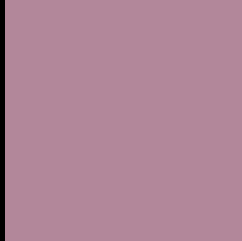
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.832, 349.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

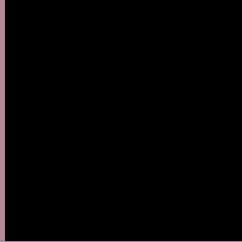
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 19.832, 349.175

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.832, 349.175.



This preview shows how white text looks on a background with the CIELCh color 61, 19.832, 349.175.

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, 19.832, 349.175

Protanopia
61, 8.453, 291.122

Deuteranopia
61, 8.390, 338.176



Tritanopia
61, 17.376, 0.588

Trichromacy



Original Color
61, 19.832, 349.175

Protanomaly
61, 11.398, 323.373

Deuteranomaly
61, 12.486, 344.948

Tritanomaly
61, 17.927, 355.483

Monochromacy



Original Color
61, 19.832, 349.175

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.044, 346.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 19.832, 349.175 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(178, 135, 154)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 135, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 135, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.832, 349.175 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(178, 135, 154) }
```

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

```
.border{ border-color:rgb(178, 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(178, 135, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 135, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 135, 154);  
box-shadow:4px 4px 4px 4px rgb(178, 135,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.832, 349.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 135, 154) }
```

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

```
.background{ background-color: rgb(178,  
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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