

Converting Colors

CIELCh(61, 15.821, 342.047)

Have a look what the booklet for
CIELCh(61, 15.821, 342.047)
contains.

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Color

CIELCh(61, 15.989, 341.926)

Conversions

Conversions Part 1

Format	Color
Hex	AA8A9C
RGB	170, 138, 156
RGB Percent	67%, 54%, 61%
CMY	0.3322, 0.4577, 0.3871
CMYK	0.00, 0.19, 0.08, 0.33
HSL	326°, 16%, 61%
HSV	326°, 19%, 67%
XYZ	31.7965, 29.2481, 35.5511
YIQ	149.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

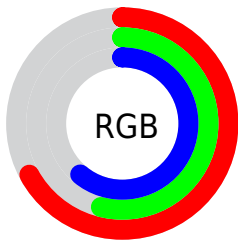
Format	Color
RYB	170, 138, 156
Decimal	11176604
CIELab	61.00, 15.20, -4.96
CIELCh	61, 15.989, 341.926
Yxy	29.2481, 0.3292, 0.3028
Android (android.graphics.Color)	4289366684 (0xFFAA8A9C)
YUV	149.6200, 3.1453, 17.8733
Hunter-Lab	54.0815, 10.3039, -1.1178

Details

The CIELCh color $61, 15.989, 341.926$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 15.717, 158.911$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 15.711, 343.332$, and $41, 16.119, 342.237$ is the 20% darker color. If you saturate the color by 10%, you get $57, 24.612, 342.857$, and if you desaturate by 10%, it is $66, 7.414, 341.067$.

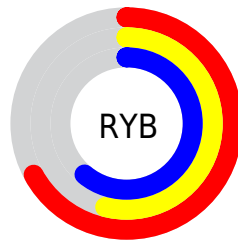
Distribution



Red (67%)

Green (54%)

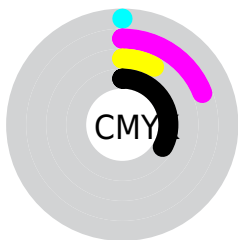
Blue (61%)



Red (67%)

Yellow (54%)

Blue (61%)

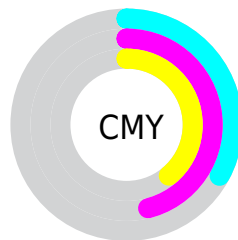


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 15.989, 341.926 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, 15.989, 341.926 by changing the saturation by 10% instead.


 61, 15.989,
341.926


 61, 15.989,
341.926


 100, 15.989,
341.926


 51, 15.989,
341.926


 81, 15.989,
341.926

 41, 15.989,
341.926

 91, 15.989,
341.926

 31, 15.989,
341.926

 21, 15.989,
341.926

 11, 15.989,
341.926

 1, 15.989, 341.926

 0, 15.989, 341.926

61, 15.989,
341.926

61, 15.989,
341.926

57, 24.612,
342.857

66, 7.414, 341.067

52, 33.115,
343.891

70, 0.996, 160.690

48, 41.234,
345.065

75, 9.180, 159.679

45, 48.622,
346.432

80, 17.110,
159.008

42, 54.861,
348.063

85, 24.774,
158.395

40, 59.535,
350.062

90, 32.179,
157.825


38, 62.358,
352.557


94, 37.908,
157.986

37, 63.555,

94, 35.334,
162.523

355.600

 94, 32.970,
167.709

 37, 63.686,
355.975

Harmonies

Complementary

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



61, 15.989, 341.926



67, 15.717, 158.911

Rectangle

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



61, 15.989, 341.926



61, 15.989, 31.926



61, 15.989, 161.926



61, 15.989, 211.926

Sweetspot

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



61, 15.987, 341.928



85, 6.255, 340.835



60, 18.899, 307.640



45, 4.185, 340.890



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 15.987, 341.928



75, 24.329, 342.346



61, 12.934, 15.431



33, 4.727, 341.108



32, 57.519, 355.531



2, 8.102, 344.377

Inverse Universe

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



61, 15.987, 341.928



75, 24.329, 342.346



67, 11.638, 192.614



33, 4.727, 341.108



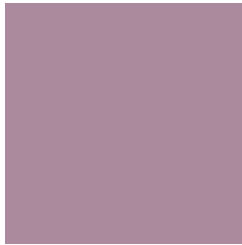
32, 57.519, 355.531



2, 8.102, 344.377

Previews

White Background



This preview shows how the CIELCh color 61, 15.989, 341.926 looks on a white background.

Color Contrast Check

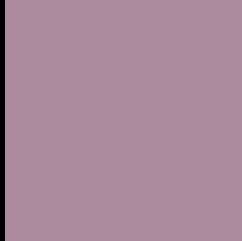
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.989, 341.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

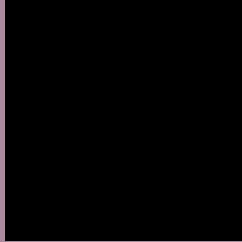
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 15.989, 341.926

Background



This preview shows how black text looks on a background with the CIELCh color 61, 15.989, 341.926.



This preview shows how white text looks on a background with the CIELCh color 61, 15.989, 341.926.

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, 15.989, 341.926

Protanopia

61, 8.453, 291.122

Deuteranopia

61, 8.917, 331.076



Tritanopia
61, 13.293, 353.185

Trichromacy



Original Color
61, 15.989, 341.926

Protanomaly
61, 10.149, 317.699

Deuteranomaly
61, 11.329, 336.546

Tritanomaly
61, 13.805, 349.001

Monochromacy



Original Color
61, 15.989, 341.926

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.452, 341.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 15.989, 341.926 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(170, 138, 156)` looks like.

```
.text, #text, p{  
    color:rgb(170, 138, 156)  
}
```

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(170, 138, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 138, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 15.989, 341.926 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(170, 138, 156) }
```

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

```
.border{ border-color:rgb(170, 138, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 138, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 138, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 138, 156);  
box-shadow:4px 4px 4px 4px rgb(170, 138,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 15.989, 341.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 138, 156) }
```

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

```
.background{ background-color: rgb(170,  
138, 156) }
```

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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