

Converting Colors

CIELCh(66, 3.889, 22.343)

Have a look what the booklet for
CIELCh(66, 3.889, 22.343) contains.

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Color

CIELCh(66, 3.861, 19.639)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A89E9E |
| RGB | 168, 158, 158 |
| RGB Percent | 66%, 62%, 62% |
| CMY | 0.3405, 0.3798, 0.3798 |
| CMYK | 0.00, 0.06, 0.06, 0.34 |
| HSL | 0°, 5%, 64% |
| HSV | 0°, 6%, 66% |
| XYZ | 34.6212, 35.3238, 37.4123 |
| YIQ | 160.9900, 5.9600, 2.1200 |

Conversions

Conversions Part 2

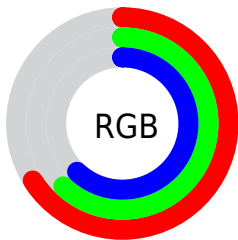
| Format | Color |
|-------------------------------------|--|
| RYB | 168, 158, 158 |
| Decimal | 11050654 |
| CIELab | 66.00, 3.64, 1.30 |
| CIELCh | 66, 3.861, 19.639 |
| Yxy | 35.3238, 0.3225, 0.3290 |
| Android (android.graphics.Color) | 4289240734 (0xFFA89E9E) |
| YUV | 160.9900, -1.4741, 6.1478 |
| Hunter-Lab | 59.4338, -0.0300, 4.2820 |

Details

The CIELCh color **66, 3.861, 19.639** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 3.721, 199.239**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 3.643, 19.513**, and **46, 3.739, 19.766** is the 20% darker color. If you saturate the color by 10%, you get **61, 10.759, 20.466**, and if you desaturate by 10%, it is **71, 2.528, 199.416**.

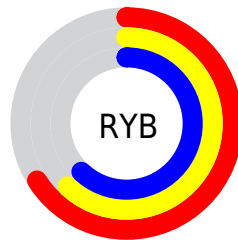
Distribution



Red (66%)

Green (62%)

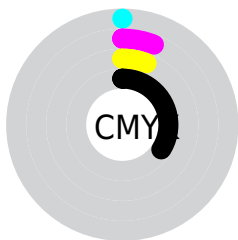
Blue (62%)



Red (66%)

Yellow (62%)

Blue (62%)

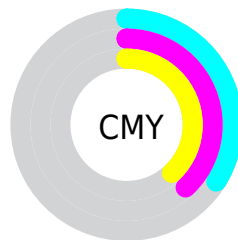


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 3.861, 19.639 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 66, 3.861, 19.639 by changing the saturation by 10% instead.

 66, 3.861, 19.639  66, 3.861, 19.639

 100, 3.861, 19.639  56, 3.861, 19.639

 86, 3.861, 19.639  46, 3.861, 19.639


 96, 3.861, 19.639  36, 3.861, 19.639

 26, 3.861, 19.639

 16, 3.861, 19.639

 6, 3.861, 19.639

 0, 3.861, 19.639

 66, 3.861, 19.639  66, 3.861, 19.639

 61, 10.759, 20.466  71, 2.528, 199.416

56, 18.187, 21.416

76, 8.443, 198.835

52, 26.127, 22.636

81, 13.930,
198.456

48, 34.507, 24.222

86, 19.038,
198.159

44, 43.179, 26.279

41, 51.915, 28.901

91, 23.813,
197.919

38, 60.397, 32.097

95, 27.249,
197.738

36, 68.131, 35.618

35, 74.154, 38.709

Harmonies

Complementary

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



66, 3.861, 19.639



68, 3.721, 199.239

Rectangle

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



66, 3.861, 19.639



66, 3.861, 69.639



66, 3.861, 199.639



66, 3.861, 249.639

Sweetspot

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



66, 3.860, 19.663



86, 1.587, 19.179



66, 6.740, 324.728



46, 0.901, 19.150



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 3.860, 19.663



83, 5.664, 19.761



67, 3.344, 74.615



34, 2.957, 19.785



30, 69.022, 39.364



1, 6.570, 19.427

Inverse Universe

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



68, 3.721, 199.239



86, 5.421, 199.155



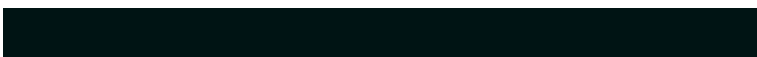
67, 3.307, 256.253



35, 2.824, 199.135



55, 33.373, 196.432



5, 6.569, 199.458

Previews

White Background



This preview shows how the CIELCh color 66, 3.861, 19.639 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 66, 3.861, 19.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

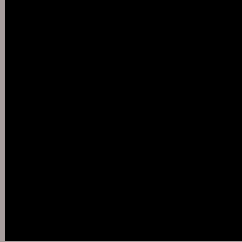
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

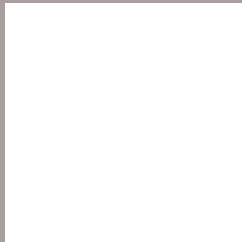
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 3.861, 19.639

Background



This preview shows how black text looks on a background with the CIELCh color 66, 3.861, 19.639.

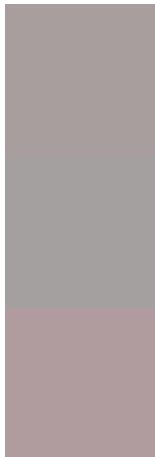


This preview shows how white text looks on a background with the CIELCh color 66, 3.861, 19.639.

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


66, 3.861, 19.639

Protanopia

66, 1.267, 44.954

Deuteranopia

66, 8.452, 5.042



Tritanopia
66, 8.303, 326.982

Trichromacy



Original Color
66, 3.861, 19.639

Protanomaly
66, 2.304, 19.413

Deuteranomaly
66, 6.795, 5.889

Tritanomaly
66, 6.394, 336.107

Monochromacy



Original Color
66, 3.861, 19.639

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.531, 19.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 3.861, 19.639 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(168, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 158)  
}
```

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(168, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 3.861, 19.639 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(168, 158, 158) }
```

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

```
.border{ border-color:rgb(168, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(168, 158,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 3.861, 19.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 158, 158) }
```

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

```
.background{ background-color: rgb(168,  
158, 158) }
```

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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