

Converting Colors

CIELCh(61, 7.012, 92.682)

Have a look what the booklet for
CIELCh(61, 7.012, 92.682) contains.

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Color

CIELCh(61, 7.008, 92.782)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 989387 |
| RGB | 152, 147, 135 |
| RGB Percent | 60%, 58%, 53% |
| CMY | 0.4043, 0.4239, 0.4710 |
| CMYK | 0.00, 0.03, 0.11, 0.40 |
| HSL | 42°, 8%, 56% |
| HSV | 42°, 11%, 60% |
| XYZ | 27.7141, 29.2481, 27.0699 |
| YIQ | 147.1270, 6.8320, -2.6720 |

Conversions

Conversions Part 2

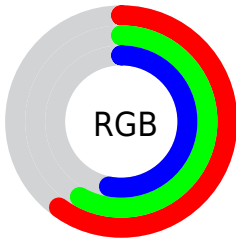
| Format | Color |
|-------------------------------------|---|
| RYB | 142, 152, 135 |
| Decimal | 9999239 |
| CIE Lab | 61.00, -0.34, 7.00 |
| CIE LCh | 61, 7.008, 92.782 |
| Yxy | 29.2481, 0.3298, 0.3481 |
| Android (android.graphics.Color) | 4288189319 (0xFF989387) |
| YUV | 147.1270, -5.9786, 4.2736 |
| Hunter-Lab | 54.0815, -3.1704, 8.1802 |

Details

The CIELCh color $61, 7.008, 92.782$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 7.035, 275.582$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 7.118, 94.242$, and $41, 7.445, 95.456$ is the 20% darker color. If you saturate the color by 10%, you get $59, 13.386, 91.577$, and if you desaturate by 10%, it is $63, 0.732, 93.770$.

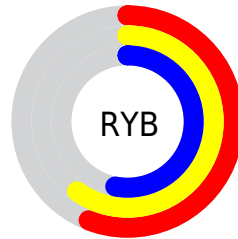
Distribution



Red (60%)

Green (58%)

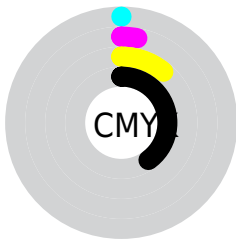
Blue (53%)



Red (56%)

Yellow (60%)

Blue (53%)

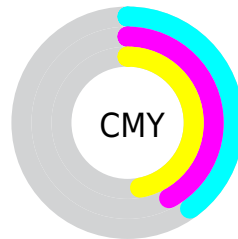


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 7.008, 92.782 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, 7.008, 92.782 by changing the saturation by 10% instead.

■ 61, 7.008, 92.782 ■ 61, 7.008, 92.782

■ 100, 7.008, 92.782 ■ 51, 7.008, 92.782

■ 81, 7.008, 92.782 ■ 41, 7.008, 92.782

■ 91, 7.008, 92.782 ■ 31, 7.008, 92.782

■ 21, 7.008, 92.782

■ 11, 7.008, 92.782

■ 1, 7.008, 92.782

■ 0, 7.008, 92.782

■ 61, 7.008, 92.782 ■ 61, 7.008, 92.782

■ 59, 13.386, 91.577 ■ 63, 0.732, 93.770

58, 19.847, 90.312

64, 5.439, 275.185

56, 26.356, 89.010

66, 11.508,
276.264

55, 32.840, 87.672

68, 17.478,
277.305

54, 39.164, 86.289

52, 45.086, 84.840

69, 23.355,
278.298

51, 50.213, 83.270

71, 29.145,
279.242

50, 53.995, 81.480

49, 56.382, 79.763

73, 34.855,
280.137

75, 39.754,
280.624

76, 37.574,
277.435

Harmonies

Complementary

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



61, 7.008, 92.782



58, 7.035, 275.582

Rectangle

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



61, 7.008, 92.782



61, 7.008, 142.782



61, 7.008, 272.782



61, 7.008, 322.782

Sweetspot

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



61, 7.009, 92.795



79, 2.294, 93.698



58, 7.336, 356.956



42, 1.756, 93.626



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 7.009, 92.795



77, 10.057, 92.549



62, 9.587, 117.256



32, 3.554, 93.026



45, 53.214, 79.952



3, 3.778, 93.262

Inverse Universe

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



58, 7.035, 275.582



73, 10.094, 275.865



57, 9.814, 298.780



30, 3.568, 275.323



22, 65.058, 297.881



1, 3.847, 274.510

Previews

White Background



This preview shows how the CIELCh color 61, 7.008, 92.782 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 CIELCh color 61, 7.008, 92.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

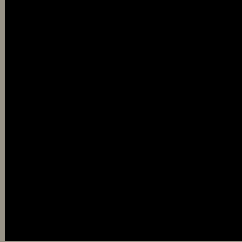
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 7.008, 92.782

Background



This preview shows how black text looks on a background with the CIELCh color 61, 7.008, 92.782.

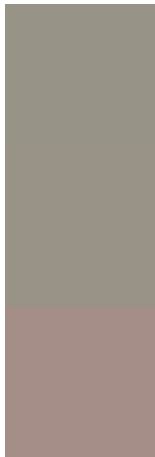


This preview shows how white text looks on a background with the CIELCh color 61, 7.008, 92.782.

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, 7.008, 92.782

Protanopia

61, 7.133, 89.669

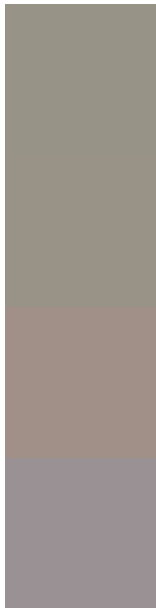
Deuteranopia

61, 10.327, 39.168



Tritanopia
61, 7.529, 324.793

Trichromacy



Original Color
61, 7.008, 92.782

Protanomaly
61, 7.133, 89.669

Deuteranomaly
61, 8.213, 52.892

Tritanomaly
61, 3.903, 354.120

Monochromacy



Original Color
61, 7.008, 92.782

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.365, 90.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 7.008, 92.782 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(152, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 147, 135)  
}
```

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(152, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 147, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 7.008, 92.782 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(152, 147, 135) }
```

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

```
.border{ border-color:rgb(152, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 147,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 7.008, 92.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 147, 135) }
```

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

```
.background{ background-color: rgb(152,  
147, 135) }
```

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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