

Converting Colors

CIELCh(61, 9.009, 37.785)

Have a look what the booklet for
CIELCh(61, 9.009, 37.785) contains.

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Color

CIELCh(61, 8.929, 38.346)

Conversions

Conversions Part 1

Format	Color
Hex	A48F8A
RGB	164, 143, 138
RGB Percent	64%, 56%, 54%
CMY	0.3580, 0.4403, 0.4599
CMYK	0.00, 0.13, 0.16, 0.36
HSL	12°, 12%, 59%
HSV	12°, 16%, 64%
XYZ	29.5965, 29.2481, 28.0237
YIQ	148.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

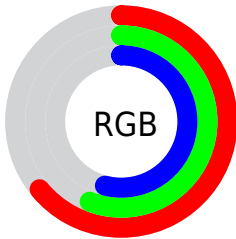
Format	Color
RYB	164, 144, 138
Decimal	10784650
CIELab	61.00, 7.00, 5.54
CIELCh	61, 8.929, 38.346
Yxy	29.2481, 0.3407, 0.3367
Android (android.graphics.Color)	4288974730 (0xFFA48F8A)
YUV	148.7090, -5.2795, 13.4102
Hunter-Lab	54.0815, 3.0427, 7.1345

Details

The CIELCh color $61, 8.929, 38.346$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.070, 219.114$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 8.899, 40.774$, and $41, 8.924, 40.051$ is the 20% darker color. If you saturate the color by 10%, you get $57, 15.161, 38.400$, and if you desaturate by 10%, it is $65, 3.173, 38.359$.

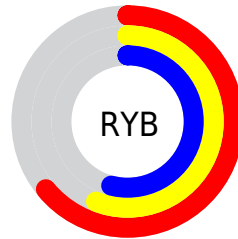
Distribution



Red (64%)

Green (56%)

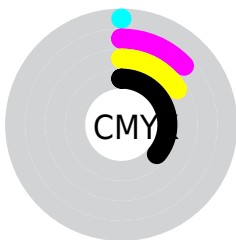
Blue (54%)



Red (64%)

Yellow (56%)

Blue (54%)

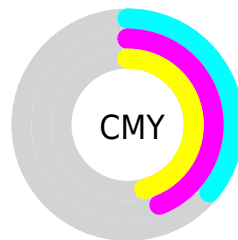


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 8.929, 38.346 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, 8.929, 38.346 by changing the saturation by 10% instead.

61, 8.929, 38.346

61, 8.929, 38.346

100, 8.929, 38.346

51, 8.929, 38.346

81, 8.929, 38.346

41, 8.929, 38.346

91, 8.929, 38.346

31, 8.929, 38.346

21, 8.929, 38.346

11, 8.929, 38.346

1, 8.929, 38.346

0, 8.929, 38.346

61, 8.929, 38.346

61, 8.929, 38.346

57, 15.161, 38.400

65, 3.173, 38.359

53, 21.903, 38.578

69, 2.146, 218.909

50, 29.163, 38.939

73, 7.072, 219.003

46, 36.918, 39.520

77, 11.650,
219.270

43, 45.077, 40.338

81, 15.921,
219.584

41, 53.435, 41.353

38, 61.534, 42.378

85, 19.923,
219.924

36, 68.455, 42.981

89, 23.688,
220.279

36, 71.213, 43.472

93, 26.460,
205.167

95, 28.428,
197.666

Harmonies

Complementary

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



61, 8.929, 38.346



64, 8.070, 219.114

Rectangle

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



61, 8.929, 38.346



61, 8.929, 88.346



61, 8.929, 218.346



61, 8.929, 268.346

Sweetspot

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



61, 8.928, 38.359



82, 3.318, 38.347



60, 15.585, 330.901



44, 2.288, 38.358



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 8.928, 38.359



76, 13.359, 38.361



64, 10.382, 90.479



32, 3.089, 38.371



32, 64.756, 43.450



2, 4.701, 36.536

Inverse Universe

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



64, 8.070, 219.114



80, 11.786, 219.253



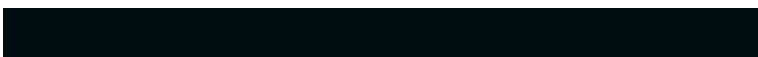
60, 10.383, 274.570



34, 2.919, 218.923



45, 28.767, 233.122



3, 4.547, 224.150

Previews

White Background



This preview shows how the CIELCh color 61, 8.929, 38.346 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, 8.929, 38.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

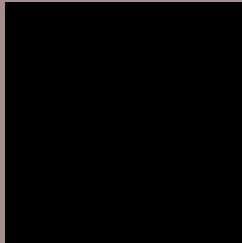
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 8.929, 38.346

Background



This preview shows how black text looks on a background with the CIELCh color 61, 8.929, 38.346.



This preview shows how white text looks on a background with the CIELCh color 61, 8.929, 38.346.

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, 8.929, 38.346

Protanopia

61, 4.381, 82.845

Deuteranopia

61, 9.559, 33.744



Tritanopia
61, 11.221, 347.199

Trichromacy



Original Color
61, 8.929, 38.346

Protanomaly
61, 5.522, 57.143

Deuteranomaly
61, 9.559, 33.744

Tritanomaly
61, 9.500, 3.225

Monochromacy



Original Color
61, 8.929, 38.346

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.330, 39.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 8.929, 38.346 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(164, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(164, 143, 138)  
}
```

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(164, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 143, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 8.929, 38.346 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(164, 143, 138) }
```

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

```
.border{ border-color:rgb(164, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(164, 143,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 8.929, 38.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 143, 138) }
```

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

```
.background{ background-color: rgb(164,  
143, 138) }
```

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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