

Converting Colors

CIELCh(60, 10.781, 12.400)

Have a look what the booklet for
CIELCh(60, 10.781, 12.400) contains.

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Color

CIELCh(60, 10.931, 11.666)

Conversions

Conversions Part 1

Format	Color
Hex	A58A8D
RGB	165, 138, 141
RGB Percent	65%, 54%, 55%
CMY	0.3527, 0.4586, 0.4468
CMYK	0.00, 0.16, 0.15, 0.35
HSL	353°, 13%, 59%
HSV	353°, 16%, 65%
XYZ	29.4375, 28.1233, 29.0979
YIQ	146.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

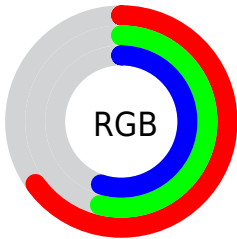
Format	Color
R _Y B	165, 138, 141
Decimal	10848909
CIE Lab	60.00, 10.71, 2.21
CIE LCh	60, 10.931, 11.666
Yxy	28.1233, 0.3397, 0.3245
Android (android.graphics.Color)	4289038989 (0xFFA58A8D)
YUV	146.4150, -2.6696, 16.2990
Hunter-Lab	53.0314, 6.2796, 4.5901

Details

The CIELCh color **60, 10.931, 11.666** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **66, 10.071, 189.030**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 11.084, 9.254**, and **40, 11.019, 11.524** is the 20% darker color. If you saturate the color by 10%, you get **55, 18.149, 12.833**, and if you desaturate by 10%, it is **65, 4.116, 10.663**.

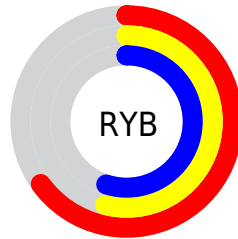
Distribution



Red (65%)

Green (54%)

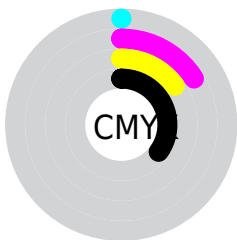
Blue (55%)



Red (65%)

Yellow (54%)

Blue (55%)

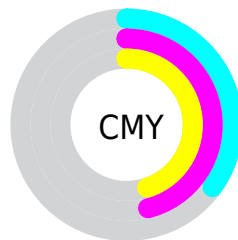


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 10.931, 11.666 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 60, 10.931, 11.666 by changing the saturation by 10% instead.

60, 10.931, 11.666

60, 10.931, 11.666

100, 10.931,
11.666

50, 10.931, 11.666

80, 10.931, 11.666

40, 10.931, 11.666

90, 10.931, 11.666

30, 10.931, 11.666

20, 10.931, 11.666

10, 10.931, 11.666

0, 10.931, 11.666

60, 10.931, 11.666

60, 10.931, 11.666

55, 18.149, 12.833

65, 4.116, 10.663

51, 25.726, 14.253

70, 2.280, 190.193

47, 33.550, 16.027

74, 8.275, 189.379

43, 41.443, 18.272

79, 13.897,
188.782

40, 49.161, 21.114

84, 19.180,
188.272

37, 56.441, 24.659

35, 63.058, 28.886

89, 24.158,
187.826

34, 68.824, 33.433

94, 28.866,
187.431

34, 70.804, 34.854

95, 28.073,
197.687

Harmonies

Complementary

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



60, 10.931, 11.666



66, 10.071, 189.030

Rectangle

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



60, 10.931, 11.666



60, 10.931, 61.666



60, 10.931, 191.666



60, 10.931, 241.666

Sweetspot

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



60, 10.929, 11.674



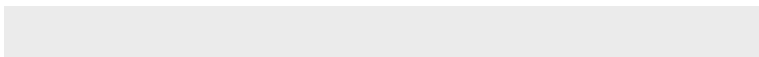
83, 3.987, 10.528



60, 17.733, 321.999



43, 2.721, 10.600



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 10.929, 11.674



74, 16.726, 12.113



63, 8.871, 60.284



32, 3.662, 10.954



30, 64.119, 34.321



1, 5.532, 11.101

Inverse Universe

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



60, 10.929, 11.674



74, 16.726, 12.113



63, 8.255, 243.746



32, 3.662, 10.954



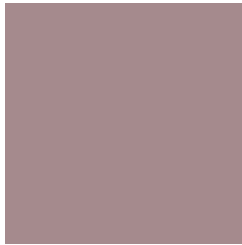
30, 64.119, 34.321



1, 5.532, 11.101

Previews

White Background



This preview shows how the CIELCh color 60, 10.931, 11.666 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 60, 10.931, 11.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

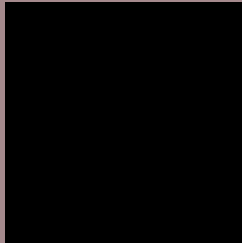
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 10.931, 11.666

Background



This preview shows how black text looks on a background with the CIELCh color 60, 10.931, 11.666.



This preview shows how white text looks on a background with the CIELCh color 60, 10.931, 11.666.

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

60, 10.931, 11.666

Protanopia

60, 1.170, 19.150

Deuteranopia

60, 7.990, 16.140



Tritanopia
60, 12.975, 352.334

Trichromacy



Original Color
60, 10.931, 11.666

Protanomaly
60, 4.766, 13.022

Deuteranomaly
60, 9.249, 13.351

Tritanomaly
60, 12.335, 359.354

Monochromacy



Original Color
60, 10.931, 11.666

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 3.971, 11.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 10.931, 11.666 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(165, 138, 141)` looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 141)  
}
```

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(165, 138, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 10.931, 11.666 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(165, 138, 141) }
```

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

```
.border{ border-color:rgb(165, 138, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 138, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 138, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 138, 141);  
box-shadow:4px 4px 4px 4px rgb(165, 138,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 10.931, 11.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 138, 141) }
```

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

```
.background{ background-color: rgb(165,  
138, 141) }
```

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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