

Converting Colors

CIELCh(62, 8.815, 105.683)

Have a look what the booklet for
CIELCh(62, 8.815, 105.683) contains.

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Color

CIELCh(62, 8.933, 106.609)

Conversions

Conversions Part 1

Format	Color
Hex	989787
RGB	152, 151, 135
RGB Percent	60%, 59%, 53%
CMY	0.4053, 0.4092, 0.4719
CMYK	0.00, 0.01, 0.11, 0.41
HSL	56°, 8%, 56%
HSV	56°, 11%, 59%
XYZ	28.2433, 30.4025, 27.1756
YIQ	149.4750, 5.7320, -4.7640

Conversions

Conversions Part 2

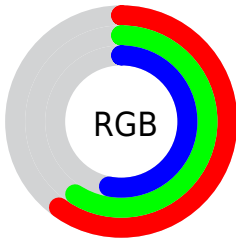
Format	Color
RYB	136, 152, 135
Decimal	10000263
CIELab	62.00, -2.55, 8.56
CIELCh	62, 8.933, 106.609
Yxy	30.4025, 0.3291, 0.3543
Android (android.graphics.Color)	4288190343 (0xFF989787)
YUV	149.4750, -7.1362, 2.2144
Hunter-Lab	55.1385, -5.0603, 9.3752

Details

The CIELCh color $62, 8.933, 106.609$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 9.135, 288.920$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 8.970, 106.978$, and $42, 9.013, 106.043$ is the 20% darker color. If you saturate the color by 10%, you get $61, 16.886, 105.621$, and if you desaturate by 10%, it is $63, 0.953, 107.534$.

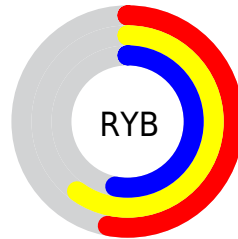
Distribution



Red (60%)

Green (59%)

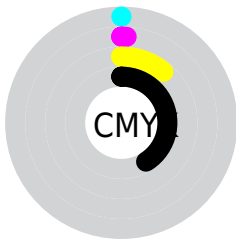
Blue (53%)



Red (53%)

Yellow (60%)

Blue (53%)

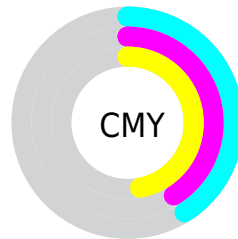


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (41%)



Cyan (41%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 8.933, 106.609 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 62, 8.933, 106.609 by changing the saturation by 10% instead.

■ 62, 8.933, 106.609

■ 62, 8.933, 106.609

■ 100, 8.933,
106.609

■ 52, 8.933, 106.609

■ 82, 8.933, 106.609

■ 42, 8.933, 106.609

■ 92, 8.933, 106.609

■ 32, 8.933, 106.609

■ 22, 8.933, 106.609

■ 12, 8.933, 106.609

■ 2, 8.933, 106.609

■ 0, 8.933, 106.609

■ 62, 8.933, 106.609

■ 62, 8.933, 106.609

■ 61, 16.886,

■ 63, 0.953, 107.534

105.621

63, 7.024, 288.577

61, 24.757,
104.617

64, 14.977,
289.498

60, 32.463,
103.622

65, 22.892,
290.386

60, 39.875,
102.653

66, 30.759,
291.234

60, 46.789,
101.734

66, 38.570,
292.041

59, 52.907,
100.889

67, 46.322,
292.806

59, 57.837,
100.146

68, 53.480,
293.460

58, 61.174, 99.524

68, 52.958,
293.107

58, 63.057, 99.053

Harmonies

Complementary

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



62, 8.933, 106.609



57, 9.135, 288.920

Rectangle

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



62, 8.933, 106.609



62, 8.933, 156.609



62, 8.933, 286.609



62, 8.933, 336.609

Sweetspot

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



62, 8.934, 106.617



79, 2.947, 107.399



58, 6.831, 14.679



42, 2.253, 107.329



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 8.934, 106.617



78, 12.795, 106.415



62, 9.955, 126.197



32, 4.539, 106.811



54, 59.577, 99.081



3, 4.888, 107.407

Inverse Universe

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



57, 9.135, 288.920



71, 13.132, 289.160



57, 10.131, 307.231



30, 4.626, 288.697



16, 82.790, 305.310



0, 4.930, 287.769

Previews

White Background



This preview shows how the CIELCh color 62, 8.933, 106.609 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 CIELCh color 62, 8.933, 106.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

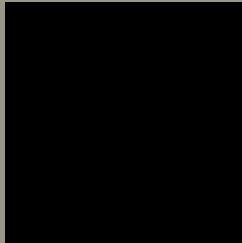
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

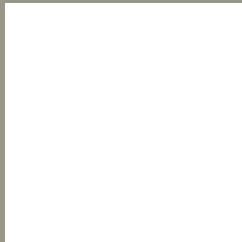
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 8.933, 106.609

Background



This preview shows how black text looks on a background with the CIELCh color 62, 8.933, 106.609.



This preview shows how white text looks on a background with the CIELCh color 62, 8.933, 106.609.

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


62, 8.933, 106.609

Protanopia

62, 8.838, 90.586

Deuteranopia

62, 11.148, 43.786



Tritanopia
62, 7.429, 314.955

Trichromacy



Original Color
62, 8.933, 106.609

Protanomaly
62, 9.071, 98.946

Deuteranomaly
62, 8.882, 58.748

Tritanomaly
62, 2.594, 353.891

Monochromacy



Original Color
62, 8.933, 106.609

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 3.351, 109.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 8.933, 106.609 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, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 151, 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, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 151, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 8.933, 106.609 is called "border". The border property can be set on classes, ids or directly on the HTML element.

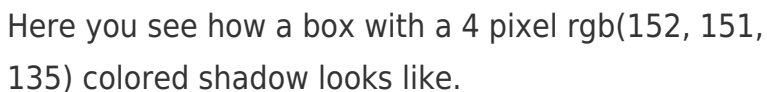
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 151, 135) }
```

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

```
.border{ border-color:rgb(152, 151, 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, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 151, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 151, 135); box-shadow:4px 4px 4px 4px rgb(152, 151, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 8.933, 106.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 151, 135) }
```

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

```
.background{ background-color: rgb(152,  
151, 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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