

Converting Colors

CIELCh(62, 5.726, 68.956)

Have a look what the booklet for
CIELCh(62, 5.726, 68.956) contains.

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Color

CIELCh(62, 5.983, 67.859)

Conversions

Conversions Part 1

Format	Color
Hex	9E948C
RGB	158, 148, 140
RGB Percent	62%, 58%, 55%
CMY	0.3799, 0.4191, 0.4505
CMYK	0.00, 0.06, 0.11, 0.38
HSL	27°, 9%, 58%
HSV	27°, 11%, 62%
XYZ	29.4820, 30.4025, 29.1771
YIQ	150.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

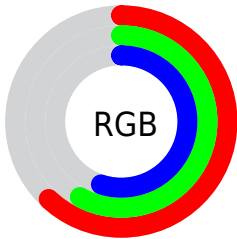
Format	Color
RYB	158, 154, 140
Decimal	10392716
CIELab	62.00, 2.25, 5.54
CIELCh	62, 5.983, 67.859
Yxy	30.4025, 0.3310, 0.3414
Android (android.graphics.Color)	4288582796 (0xFF9E948C)
YUV	150.0780, -4.9685, 6.9476
Hunter-Lab	55.1385, -1.0501, 7.2230

Details

The CIELCh color $62, 5.983, 67.859$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 5.766, 250.628$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 5.880, 65.390$, and $42, 6.058, 63.700$ is the 20% darker color. If you saturate the color by 10%, you get $59, 11.554, 66.797$, and if you desaturate by 10%, it is $65, 0.704, 68.550$.

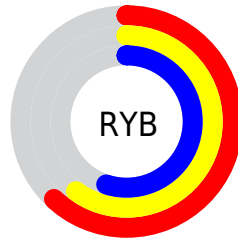
Distribution



Red (62%)

Green (58%)

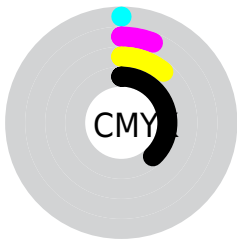
Blue (55%)



Red (62%)

Yellow (60%)

Blue (55%)

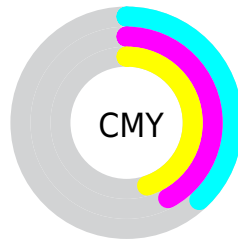


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 5.983, 67.859 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, 5.983, 67.859 by changing the saturation by 10% instead.

 62, 5.983, 67.859

 62, 5.983, 67.859

 100, 5.983, 67.859

 52, 5.983, 67.859

 82, 5.983, 67.859

 42, 5.983, 67.859

 92, 5.983, 67.859

 32, 5.983, 67.859

 22, 5.983, 67.859

 12, 5.983, 67.859

 2, 5.983, 67.859

 0, 5.983, 67.859

 62, 5.983, 67.859

 62, 5.983, 67.859

 59, 11.554, 66.797

 65, 0.704, 68.550

57, 17.439, 65.704

68, 4.313, 250.212

54, 23.654, 64.619

70, 9.094, 251.240

51, 30.188, 63.547

73, 13.668,
252.270

49, 36.989, 62.475

76, 18.059,
253.275

47, 43.910, 61.356

44, 50.631, 60.072

79, 22.289,
254.246

42, 56.537, 58.372

82, 26.376,
255.180

41, 60.982, 56.746

84, 26.027,
246.736

87, 25.137,
233.967

Harmonies

Complementary

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



62, 5.983, 67.859



62, 5.766, 250.628

Rectangle

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



62, 5.983, 67.859



62, 5.983, 117.859



62, 5.983, 247.859



62, 5.983, 297.859

Sweetspot

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



62, 5.983, 67.878



82, 1.913, 68.636



60, 9.083, 341.069



43, 1.465, 68.595



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 5.983, 67.878



78, 9.219, 67.570



64, 9.317, 106.227



32, 2.954, 68.101



37, 56.465, 57.105



2, 3.745, 66.491

Inverse Universe

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



62, 5.766, 250.628



77, 8.789, 251.013



59, 9.526, 288.592



32, 2.869, 250.361



33, 41.137, 276.980



2, 3.852, 252.472

Previews

White Background



This preview shows how the CIELCh color 62, 5.983, 67.859 looks on a white background.

Color Contrast Check

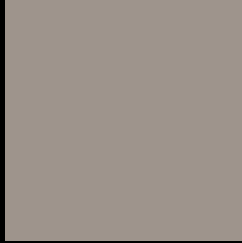
Large Text (above 18pt) WCAG AA × Fail

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, 5.983, 67.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

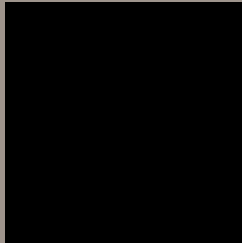
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 5.983, 67.859

Background



This preview shows how black text looks on a background with the CIELCh color 62, 5.983, 67.859.



This preview shows how white text looks on a background with the CIELCh color 62, 5.983, 67.859.

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, 5.983, 67.859

Protanopia

62, 5.052, 81.574

Deuteranopia

62, 9.517, 33.738



Tritanopia
62, 8.215, 331.539

Trichromacy



Original Color
62, 5.983, 67.859

Protanomaly
62, 5.251, 77.716

Deuteranomaly
62, 7.732, 41.106

Tritanomaly
62, 5.190, 354.304

Monochromacy



Original Color
62, 5.983, 67.859

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.279, 66.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 5.983, 67.859 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(158, 148, 140)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 140)  
}
```

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(158, 148, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 5.983, 67.859 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(158, 148, 140) }
```

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

```
.border{ border-color:rgb(158, 148, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 140);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 5.983, 67.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 140) }
```

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

```
.background{ background-color: rgb(158,  
148, 140) }
```

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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