

Converting Colors

CIELCh(63, 4.969, 88.513)

Have a look what the booklet for
CIELCh(63, 4.969, 88.513) contains.

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Color

CIELCh(63, 4.860, 85.737)

Conversions

Conversions Part 1

Format	Color
Hex	9D9890
RGB	157, 152, 144
RGB Percent	62%, 60%, 56%
CMY	0.3848, 0.4043, 0.4357
CMYK	0.00, 0.03, 0.08, 0.38
HSL	37°, 6%, 59%
HSV	37°, 8%, 62%
XYZ	30.1181, 31.5869, 30.8505
YIQ	152.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

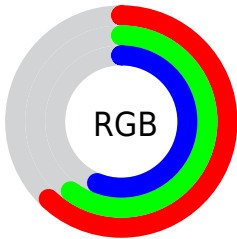
Format	Color
RYB	152, 157, 144
Decimal	10328208
CIELab	63.00, 0.36, 4.85
CIElCh	63, 4.860, 85.737
Yxy	31.5869, 0.3254, 0.3413
Android (android.graphics.Color)	4288518288 (0xFF9D9890)
YUV	152.5830, -4.2314, 3.8737
Hunter-Lab	56.2022, -2.6980, 6.7961

Details

The CIELCh color $63, 4.860, 85.737$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 4.840, 267.939$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 4.746, 81.840$, and $43, 4.699, 82.483$ is the 20% darker color. If you saturate the color by 10%, you get $61, 10.885, 84.515$, and if you desaturate by 10%, it is $65, 1.002, 267.264$.

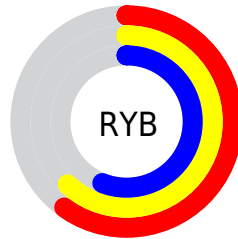
Distribution



Red (62%)

Green (60%)

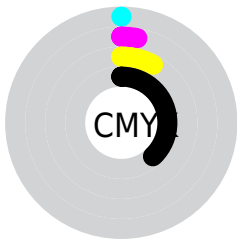
Blue (56%)



Red (60%)

Yellow (62%)

Blue (56%)

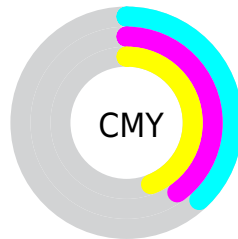


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 4.860, 85.737 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 63, 4.860, 85.737 by changing the saturation by 10% instead.

■ 63, 4.860, 85.737

■ 63, 4.860, 85.737

■ 100, 4.860, 85.737

■ 53, 4.860, 85.737

■ 83, 4.860, 85.737

■ 43, 4.860, 85.737

■ 93, 4.860, 85.737

■ 33, 4.860, 85.737

■ 23, 4.860, 85.737

■ 13, 4.860, 85.737

■ 3, 4.860, 85.737

■ 0, 4.860, 85.737

■ 63, 4.860, 85.737

■ 63, 4.860, 85.737

■ 61, 10.885, 84.515

■ 65, 1.002, 267.264

59, 17.073, 83.215

67, 6.711, 268.249

57, 23.411, 81.876

69, 12.278,
269.366

55, 29.862, 80.497

71, 17.715,
270.443

53, 36.338, 79.069

52, 42.663, 77.562

73, 23.035,
271.473

50, 48.512, 75.906

76, 28.248,
272.452

48, 53.351, 73.965

47, 56.836, 71.654

78, 33.365,
273.382

79, 31.484,
268.259

81, 29.312,
261.800

Harmonies

Complementary

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



63, 4.860, 85.737



61, 4.840, 267.939

Rectangle

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



63, 4.860, 85.737



63, 4.860, 135.737



63, 4.860, 265.737



63, 4.860, 315.737

Sweetspot

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



63, 4.861, 85.758



82, 1.435, 86.380



61, 5.864, 350.083



43, 0.813, 86.382



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 4.861, 85.758



80, 7.288, 85.527



64, 7.228, 113.452



32, 3.343, 85.642



42, 53.626, 71.573



3, 4.207, 83.920

Inverse Universe

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



61, 4.840, 267.939



77, 7.239, 268.195



60, 7.368, 294.799



31, 3.325, 268.068



26, 57.065, 292.634



1, 4.424, 268.550

Previews

White Background



This preview shows how the CIELCh color 63, 4.860, 85.737 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 CIE LCh color 63, 4.860, 85.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

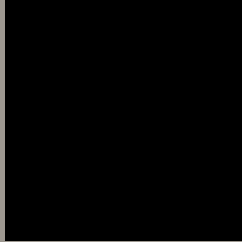
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 4.860, 85.737

Background



This preview shows how black text looks on a background with the CIELCh color 63, 4.860, 85.737.



This preview shows how white text looks on a background with the CIELCh color 63, 4.860, 85.737.

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


63, 4.860, 85.737

Protanopia

63, 4.860, 85.737

Deuteranopia

63, 9.241, 27.124



Tritanopia
63, 7.756, 320.105

Trichromacy



Original Color
63, 4.860, 85.737

Protanomaly
63, 4.860, 85.737

Deuteranomaly
63, 6.728, 39.198

Tritanomaly
63, 4.182, 337.773

Monochromacy



Original Color
63, 4.860, 85.737

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.832, 84.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 4.860, 85.737 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(157, 152, 144)` looks like.

```
.text, #text, p{  
    color:rgb(157, 152, 144)  
}
```

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(157, 152, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 152, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 4.860, 85.737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

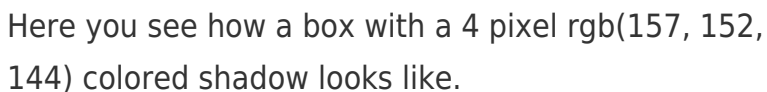
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 152, 144) }
```

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

```
.border{ border-color:rgb(157, 152, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 152, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 152, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 152, 144);  
box-shadow:4px 4px 4px 4px rgb(157, 152,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 4.860, 85.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 152, 144) }
```

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

```
.background{ background-color: rgb(157,  
152, 144) }
```

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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