

Converting Colors

CIELCh(64, 5.680, 97.523)

Have a look what the booklet for
CIELCh(64, 5.680, 97.523) contains.

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Color

CIELCh(64, 5.668, 97.535)

Conversions

Conversions Part 1

Format	Color
Hex	9E9B91
RGB	158, 155, 145
RGB Percent	62%, 61%, 57%
CMY	0.3800, 0.3918, 0.4310
CMYK	0.00, 0.02, 0.08, 0.38
HSL	46°, 6%, 59%
HSV	46°, 8%, 62%
XYZ	30.9758, 32.8017, 31.5259
YIQ	154.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

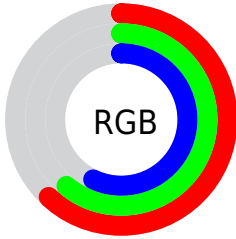
Format	Color
RYB	149, 158, 145
Decimal	10394513
CIELab	64.00, -0.74, 5.62
CIELCh	64, 5.668, 97.535
Yxy	32.8017, 0.3250, 0.3442
Android (android.graphics.Color)	4288584593 (0xFF9E9B91)
YUV	154.7570, -4.8102, 2.8441
Hunter-Lab	57.2727, -3.6860, 7.4546

Details

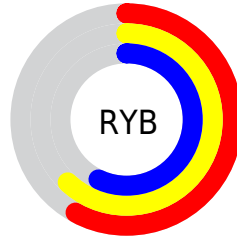
The CIELCh color **64, 5.668, 97.535** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 5.718, 279.505**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 5.445, 93.918**, and **44, 5.512, 95.965** is the 20% darker color. If you saturate the color by 10%, you get **63, 12.635, 96.398**, and if you desaturate by 10%, it is **65, 1.227, 278.824**.

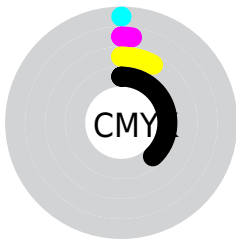
Distribution



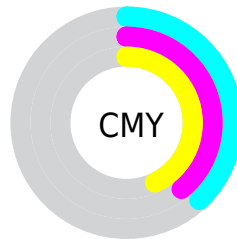
- Red (62%)
- Green (61%)
- Blue (57%)



- Red (58%)
- Yellow (62%)
- Blue (57%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (38%)




- Cyan (38%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.668, 97.535 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 64, 5.668, 97.535 by changing the saturation by 10% instead.

 64, 5.668, 97.535  64, 5.668, 97.535

 100, 5.668, 97.535  54, 5.668, 97.535

 84, 5.668, 97.535  44, 5.668, 97.535


 94, 5.668, 97.535  34, 5.668, 97.535

 24, 5.668, 97.535

 14, 5.668, 97.535

 4, 5.668, 97.535

 0, 5.668, 97.535

 64, 5.668, 97.535  64, 5.668, 97.535

 63, 12.635, 96.398  65, 1.227, 278.824

61, 19.649, 95.200

67, 8.044, 279.808

60, 26.668, 93.972

68, 14.778,
280.838

59, 33.612, 92.718

70, 21.430,
281.826

58, 40.343, 91.440

56, 46.621, 90.132

71, 28.001,
282.767

55, 52.069, 88.771

73, 34.495,
283.660

54, 56.166, 87.307

53, 58.667, 85.698

74, 40.512,
284.356

75, 38.624,
281.989

76, 36.806,
279.403

Harmonies

Complementary

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



64, 5.668, 97.535



61, 5.718, 279.505

Rectangle

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



64, 5.668, 97.535



64, 5.668, 147.535



64, 5.668, 277.535



64, 5.668, 327.535

Sweetspot

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



64, 5.669, 97.550



83, 1.701, 98.174



61, 5.371, 1.423



44, 0.975, 98.180



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 5.669, 97.550



81, 8.582, 97.328



65, 7.341, 120.064



33, 3.901, 97.436



48, 54.899, 85.594



3, 4.911, 96.224

Inverse Universe

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



61, 5.718, 279.505



77, 8.664, 279.752



61, 7.467, 301.041



31, 3.936, 279.632



20, 71.979, 300.761



1, 5.163, 279.261

Previews

White Background



This preview shows how the CIELCh color 64, 5.668, 97.535 looks on a white background.

Color Contrast Check

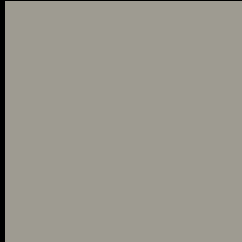
Large Text (above 18pt) WCAG AA × Fail

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 64, 5.668, 97.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

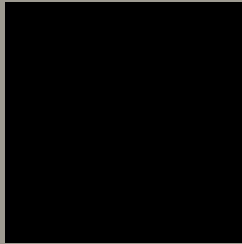
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

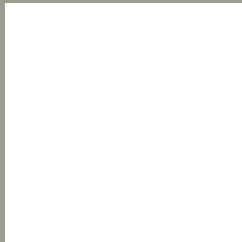
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 5.668, 97.535

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.668, 97.535.

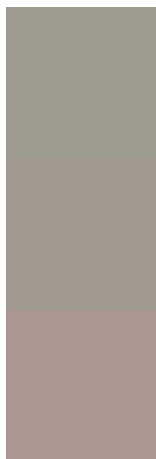


This preview shows how white text looks on a background with the CIELCh color 64, 5.668, 97.535.

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


64, 5.668, 97.535

Protanopia

64, 5.520, 84.215

Deuteranopia

64, 9.449, 33.729



Tritanopia
64, 7.550, 317.577

Trichromacy



Original Color
64, 5.668, 97.535

Protanomaly
64, 5.364, 88.057

Deuteranomaly
64, 7.174, 47.461

Tritanomaly
64, 3.512, 340.230

Monochromacy



Original Color
64, 5.668, 97.535

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.247, 99.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.668, 97.535 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, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 145)  
}
```

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, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.668, 97.535 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, 155, 145) }
```

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

```
.border{ border-color:rgb(158, 155, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 145);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.668, 97.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 155, 145) }
```

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

```
.background{ background-color: rgb(158,  
155, 145) }
```

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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