

Converting Colors

CIELCh(64, 3.868, 301.424)

Have a look what the booklet for
CIELCh(64, 3.868, 301.424) contains.

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Color

CIELCh(64, 3.993, 301.505)

Conversions

Conversions Part 1

Format	Color
Hex	9C9AA1
RGB	156, 154, 161
RGB Percent	61%, 60%, 63%
CMY	0.3878, 0.3956, 0.3682
CMYK	0.03, 0.04, 0.00, 0.37
HSL	257°, 4%, 62%
HSV	257°, 4%, 63%
XYZ	31.7464, 32.8017, 38.4258
YIQ	155.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

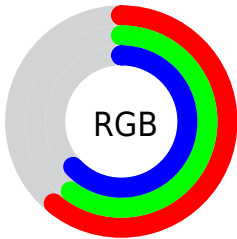
Format	Color
RYB	156, 154, 161
Decimal	10263201
CIELab	64.00, 2.09, -3.40
CIELCh	64, 3.993, 301.505
Yxy	32.8017, 0.3083, 0.3185
Android (android.graphics.Color)	4288453281 (0xFF9C9AA1)
YUV	155.3960, 2.7628, 0.5297
Hunter-Lab	57.2727, -1.2843, 0.3117

Details

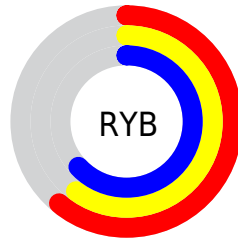
The CIELCh color $64, 3.993, 301.505$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.945, 121.018$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 4.298, 300.133$, and $44, 4.289, 301.615$ is the 20% darker color. If you saturate the color by 10%, you get $59, 13.398, 302.137$, and if you desaturate by 10%, it is $69, 5.087, 120.957$.

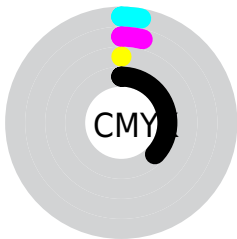
Distribution



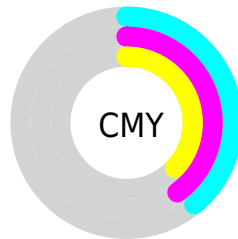
- Red (61%)
- Green (60%)
- Blue (63%)



- Red (61%)
- Yellow (60%)
- Blue (63%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 3.993, 301.505 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, 3.993, 301.505 by changing the saturation by 10% instead.

■ 64, 3.993, 301.505

■ 64, 3.993, 301.505

100, 3.993,
301.505

■ 54, 3.993, 301.505

■ 84, 3.993, 301.505

■ 44, 3.993, 301.505

■ 94, 3.993, 301.505

■ 34, 3.993, 301.505

■ 24, 3.993, 301.505

■ 14, 3.993, 301.505

■ 4, 3.993, 301.505

■ 0, 3.993, 301.505

■ 64, 3.993, 301.505

■ 64, 3.993, 301.505

■ 59, 13.398,

■ 69, 5.087, 120.957

302.137

74, 13.850,
120.471

53, 23.138,
302.859

80, 22.315,
120.052

48, 33.202,
303.667

85, 30.500,
119.692

43, 43.544,
304.555

90, 38.422,
119.382

38, 54.048,
305.499

95, 46.096,
119.115

33, 64.472,
306.448

97, 47.421,
115.241

29, 74.356,
307.308

98, 46.913,
109.855

25, 82.942,
307.935

98, 46.829,
106.598

22, 89.253,
308.151

Harmonies

Complementary

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



64, 3.993, 301.505



66, 3.945, 121.018

Rectangle

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



64, 3.993, 301.505



64, 3.993, 351.505



64, 3.993, 121.505



64, 3.993, 171.505

Sweetspot

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



64, 3.991, 301.495



83, 1.137, 301.272



65, 2.172, 229.964



44, 0.645, 301.266



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, 3.991, 301.495



81, 5.687, 301.541



64, 4.448, 318.456



33, 3.157, 301.570



18, 85.438, 308.312



1, 8.090, 300.234

Inverse Universe

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



64, 3.886, 333.916



81, 5.533, 333.976



66, 4.424, 138.163



33, 3.071, 334.012



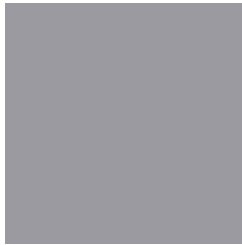
32, 61.513, 343.442



1, 7.615, 336.018

Previews

White Background



This preview shows how the CIELCh color 64, 3.993, 301.505 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, 3.993, 301.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

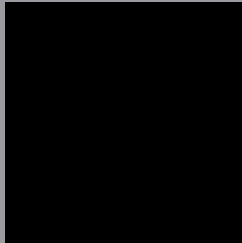
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 3.993, 301.505

Background



This preview shows how black text looks on a background with the CIELCh color 64, 3.993, 301.505.



This preview shows how white text looks on a background with the CIELCh color 64, 3.993, 301.505.

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, 3.993, 301.505

Protanopia

64, 3.993, 301.505

Deuteranopia

64, 9.359, 334.698



Tritanopia
64, 7.435, 302.530

Trichromacy



Original Color
64, 3.993, 301.505

Protanomaly
64, 3.993, 301.505

Deuteranomaly
64, 7.688, 327.153

Tritanomaly
64, 6.347, 304.506

Monochromacy



Original Color
64, 3.993, 301.505

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.726, 303.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 3.993, 301.505 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(156, 154, 161)` looks like.

```
.text, #text, p{  
    color:rgb(156, 154, 161)  
}
```

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(156, 154, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 154, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 3.993, 301.505 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(156, 154, 161) }
```

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

```
.border{ border-color:rgb(156, 154, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 154, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 154, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 154, 161);  
box-shadow:4px 4px 4px 4px rgb(156, 154,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 3.993, 301.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 154, 161) }
```

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

```
.background{ background-color: rgb(156,  
154, 161) }
```

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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