

Converting Colors

CIELCh(64, 0.989, 63.393)

Have a look what the booklet for
CIELCh(64, 0.989, 63.393) contains.

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Color

CIELCh(64, 1.341, 74.891)

Conversions

Conversions Part 1

Format	Color
Hex	9D9B99
RGB	157, 155, 153
RGB Percent	62%, 61%, 60%
CMY	0.3852, 0.3931, 0.4009
CMYK	0.00, 0.01, 0.03, 0.39
HSL	30°, 2%, 61%
HSV	30°, 3%, 61%
XYZ	31.2719, 32.8017, 34.7192
YIQ	155.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

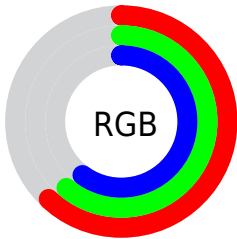
Format	Color
RYB	157, 157, 153
Decimal	10328985
CIELab	64.00, 0.35, 1.29
CIElCh	64, 1.341, 74.891
Yxy	32.8017, 0.3165, 0.3320
Android (android.graphics.Color)	4288519065 (0xFF9D9B99)
YUV	155.3700, -1.1684, 1.4295
Hunter-Lab	57.2727, -2.7632, 4.1489

Details

The CIELCh color **64, 1.341, 74.891** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 1.345, 256.028**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 1.504, 63.349**, and **44, 1.445, 74.831** is the 20% darker color. If you saturate the color by 10%, you get **61, 6.771, 73.953**, and if you desaturate by 10%, it is **67, 3.860, 256.446**.

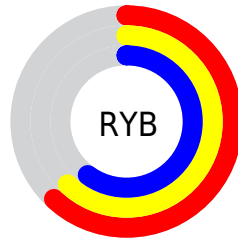
Distribution



Red (62%)

Green (61%)

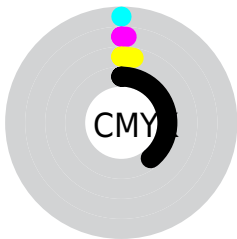
Blue (60%)



Red (62%)

Yellow (62%)

Blue (60%)

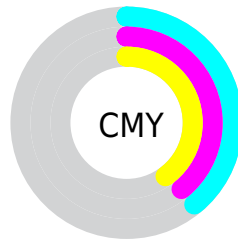


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 1.341, 74.891 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, 1.341, 74.891 by changing the saturation by 10% instead.

 64, 1.341, 74.891  64, 1.341, 74.891

100, 1.341, 74.891  54, 1.341, 74.891

 84, 1.341, 74.891  44, 1.341, 74.891

 94, 1.341, 74.891  34, 1.341, 74.891

 24, 1.341, 74.891

 14, 1.341, 74.891

 4, 1.341, 74.891

 0, 1.341, 74.891

 64, 1.341, 74.891  64, 1.341, 74.891

 61, 6.771, 73.953  67, 3.860, 256.446

59, 12.450, 72.755

69, 8.857, 257.538

57, 18.394, 71.531

72, 13.670,
258.625

54, 24.604, 70.293

74, 18.320,
259.677

52, 31.056, 69.040

50, 37.672, 67.755

77, 22.827,
260.688

48, 44.274, 66.383

80, 27.206,
261.656

46, 50.494, 64.802

44, 55.695, 62.770

82, 28.283,
257.732

84, 26.448,
247.534

86, 25.515,
236.363

Harmonies

Complementary

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



64, 1.341, 74.891



64, 1.345, 256.028

Rectangle

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



64, 1.341, 74.891



64, 1.341, 124.891



64, 1.341, 254.891



64, 1.341, 304.891

Sweetspot

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



64, 1.342, 74.967



82, 0.645, 74.799



64, 1.913, 343.677



43, 0.366, 74.769



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



64, 1.342, 74.967



81, 1.959, 74.946



65, 2.213, 109.916



33, 1.202, 74.903



39, 55.116, 61.493



2, 3.855, 72.646

Inverse Universe

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



64, 1.345, 256.028



81, 1.959, 256.053



63, 2.241, 290.444



33, 1.199, 256.100



31, 46.015, 283.124



2, 4.003, 258.235

Previews

White Background



This preview shows how the CIELCh color 64, 1.341, 74.891 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, 1.341, 74.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

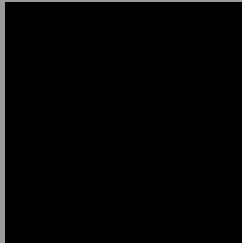
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

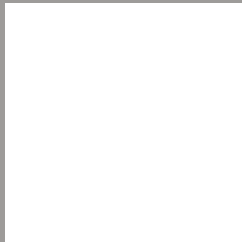
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 1.341, 74.891

Background



This preview shows how black text looks on a background with the CIELCh color 64, 1.341, 74.891.



This preview shows how white text looks on a background with the CIELCh color 64, 1.341, 74.891.

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, 1.341, 74.891

Protanopia

64, 1.635, 39.135

Deuteranopia

64, 8.123, 4.299



Tritanopia
64, 7.098, 309.370

Trichromacy



Original Color
64, 1.341, 74.891

Protanomaly
64, 1.635, 39.135

Deuteranomaly
64, 5.178, 7.435

Tritanomaly
64, 4.210, 311.673

Monochromacy



Original Color
64, 1.341, 74.891

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 0.666, 74.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 1.341, 74.891 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, 155, 153)` looks like.

```
.text, #text, p{  
    color:rgb(157, 155, 153)  
}
```

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, 155, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 155, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 1.341, 74.891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

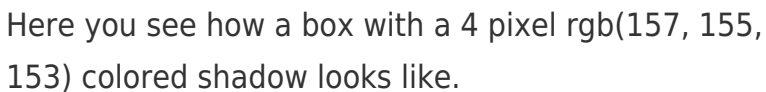
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 155, 153) }
```

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

```
.border{ border-color:rgb(157, 155, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 155, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 155, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 155, 153); box-shadow:4px 4px 4px 4px rgb(157, 155, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 1.341, 74.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 155, 153) }
```

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

```
.background{ background-color: rgb(157,  
155, 153) }
```

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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