

Converting Colors

CIELCh(64, 3.143, 11.783)

Have a look what the booklet for
CIELCh(64, 3.143, 11.783) contains.

CIELCh(64, 3.149, 9.395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 3.149, 9.395)

Conversions

Conversions Part 1

Format	Color
Hex	A1999A
RGB	161, 153, 154
RGB Percent	63%, 60%, 60%
CMY	0.3677, 0.3991, 0.3952
CMYK	0.00, 0.05, 0.04, 0.37
HSL	353°, 4%, 62%
HSV	353°, 5%, 63%
XYZ	32.0273, 32.8017, 35.3176
YIQ	155.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

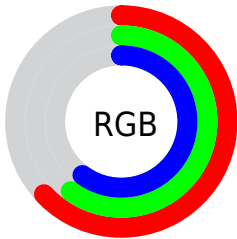
Format	Color
RYB	161, 153, 154
Decimal	10590618
CIELab	64.00, 3.11, 0.51
CIELCh	64, 3.149, 9.395
Yxy	32.8017, 0.3198, 0.3275
Android (android.graphics.Color)	4288780698 (0xFFA1999A)
YUV	155.5060, -0.7425, 4.8182
Hunter-Lab	57.2727, -0.4089, 3.5293

Details

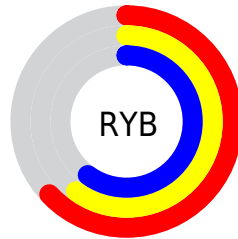
The CIELCh color **64, 3.149, 9.395** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 3.072, 188.909**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 3.337, 10.420**, and **44, 2.982, 8.117** is the 20% darker color. If you saturate the color by 10%, you get **59, 9.786, 10.448**, and if you desaturate by 10%, it is **69, 3.094, 188.925**.

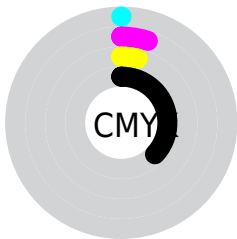
Distribution



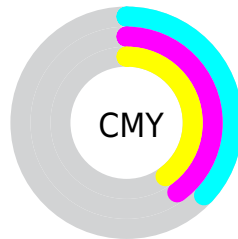
- Red (63%)
- Green (60%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 3.149, 9.395 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, 3.149, 9.395 by changing the saturation by 10% instead.

64, 3.149, 9.395

64, 3.149, 9.395

100, 3.149, 9.395

54, 3.149, 9.395

84, 3.149, 9.395

44, 3.149, 9.395

94, 3.149, 9.395

34, 3.149, 9.395

24, 3.149, 9.395

14, 3.149, 9.395

4, 3.149, 9.395

0, 3.149, 9.395

64, 3.149, 9.395

64, 3.149, 9.395

59, 9.786, 10.448

69, 3.094, 188.925

55, 16.813, 11.590

73, 8.952, 188.159

51, 24.184, 12.977

78, 14.455,
187.558

46, 31.795, 14.699

83, 19.635,
187.040

43, 39.479, 16.868

39, 47.001, 19.613

88, 24.524,
186.584

37, 54.102, 23.052

93, 29.154,
186.178

35, 60.561, 27.212

34, 66.222, 31.863

94, 29.242,
195.601

94, 29.072,
197.626

Harmonies

Complementary

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



64, 3.149, 9.395



66, 3.072, 188.909

Rectangle

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



64, 3.149, 9.395



64, 3.149, 59.395



64, 3.149, 189.395



64, 3.149, 239.395

Sweetspot

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



64, 3.148, 9.419



83, 0.777, 8.533



64, 5.210, 320.956



44, 0.441, 8.484



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, 3.148, 9.419



80, 4.721, 9.546



65, 2.535, 59.225



33, 2.549, 9.586



30, 63.562, 33.509



1, 5.549, 10.097

Inverse Universe

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



64, 3.148, 9.419



80, 4.721, 9.546



65, 2.488, 240.450



33, 2.549, 9.586



30, 63.562, 33.509



1, 5.549, 10.097

Previews

White Background



This preview shows how the CIELCh color 64, 3.149, 9.395 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, 3.149, 9.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

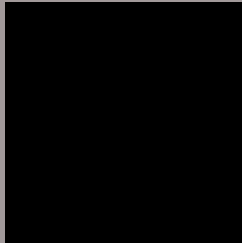
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

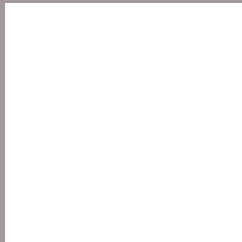
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 3.149, 9.395

Background



This preview shows how black text looks on a background with the CIELCh color 64, 3.149, 9.395.

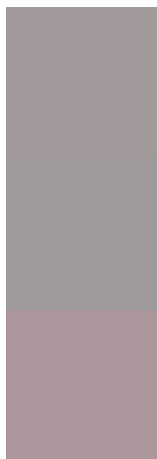


This preview shows how white text looks on a background with the CIELCh color 64, 3.149, 9.395.

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, 3.149, 9.395

Protanopia

64, 1.644, 359.492

Deuteranopia

64, 8.278, 0.587



Tritanopia
64, 7.923, 322.509

Trichromacy



Original Color

64, 3.149, 9.395

Protanomaly

64, 2.011, 3.314

Deuteranomaly

64, 6.611, 0.351

Tritanomaly

64, 5.904, 330.858

Monochromacy



Original Color

64, 3.149, 9.395

Achromatopsia

64, 0.008, 296.813

Achromatomaly

64, 1.154, 19.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 3.149, 9.395 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(161, 153, 154)` looks like.

```
.text, #text, p{  
    color:rgb(161, 153, 154)  
}
```

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(161, 153, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 153, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 3.149, 9.395 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(161, 153, 154) }
```

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

```
.border{ border-color:rgb(161, 153, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 153, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 153, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 153, 154);  
box-shadow:4px 4px 4px 4px rgb(161, 153,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 3.149, 9.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 153, 154) }
```

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

```
.background{ background-color: rgb(161,  
153, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor