

Converting Colors

CIELCh(64, 9.126, 53.001)

Have a look what the booklet for
CIELCh(64, 9.126, 53.001) contains.

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Color

CIELCh(64, 9.139, 52.995)

Conversions

Conversions Part 1

Format	Color
Hex	AA978E
RGB	170, 151, 142
RGB Percent	67%, 59%, 56%
CMY	0.3319, 0.4064, 0.4417
CMYK	0.00, 0.11, 0.16, 0.33
HSL	19°, 14%, 61%
HSV	19°, 16%, 67%
XYZ	32.6929, 32.8017, 30.3408
YIQ	155.6550, 14.2130, 1.2290

Conversions

Conversions Part 2

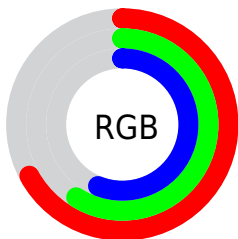
Format	Color
RYB	170, 155, 142
Decimal	11179918
CIELab	64.00, 5.50, 7.30
CIELCh	64, 9.139, 52.995
Yxy	32.8017, 0.3411, 0.3423
Android (android.graphics.Color)	4289369998 (0xFFAA978E)
YUV	155.6550, -6.7319, 12.5806
Hunter-Lab	57.2727, 1.6656, 8.6815

Details

The CIELCh color **64, 9.139, 52.995** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 8.378, 235.760**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 8.885, 51.894**, and **44, 9.251, 51.105** is the 20% darker color. If you saturate the color by 10%, you get **61, 15.248, 52.380**, and if you desaturate by 10%, it is **67, 3.453, 53.633**.

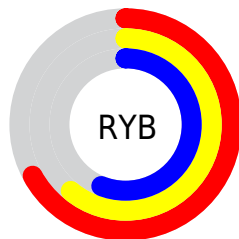
Distribution



Red (67%)

Green (59%)

Blue (56%)



Red (67%)

Yellow (61%)

Blue (56%)

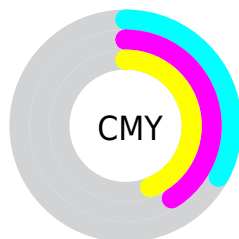


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (33%)



Cyan (33%)

Magenta (41%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 9.139, 52.995 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, 9.139, 52.995 by changing the saturation by 10% instead.

 64, 9.139, 52.995  64, 9.139, 52.995

 100, 9.139, 52.995  54, 9.139, 52.995

 84, 9.139, 52.995  44, 9.139, 52.995

 94, 9.139, 52.995  34, 9.139, 52.995


 24, 9.139, 52.995

 14, 9.139, 52.995

 4, 9.139, 52.995

 0, 9.139, 52.995

 64, 9.139, 52.995  64, 9.139, 52.995

 61, 15.248, 52.380  67, 3.453, 53.633

57, 21.814, 51.816

71, 1.849, 234.737

54, 28.857, 51.339

75, 6.809, 235.328

51, 36.362, 50.960

78, 11.466,
236.075

48, 44.250, 50.666

82, 15.859,
236.838

45, 52.309, 50.385

43, 60.052, 49.917

85, 20.018,
237.598

41, 66.613, 48.909

89, 22.323,
230.607

40, 68.931, 48.713

92, 23.595,
212.299

95, 26.653,
197.774

Harmonies

Complementary

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



64, 9.139, 52.995



65, 8.378, 235.760

Rectangle

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



64, 9.139, 52.995



64, 9.139, 102.995



64, 9.139, 232.995



64, 9.139, 282.995

Sweetspot

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



64, 9.139, 53.009



86, 3.305, 53.697



62, 15.185, 336.094



46, 2.279, 53.666



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 9.139, 53.009



80, 13.978, 52.757



68, 12.703, 99.550



34, 3.034, 53.469



35, 61.853, 49.117



3, 5.408, 48.677

Inverse Universe

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



65, 8.378, 235.760



82, 12.523, 236.190



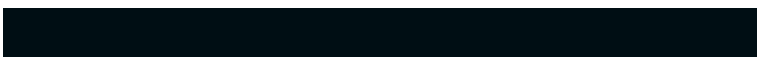
61, 12.959, 283.412



34, 2.897, 235.087



40, 33.488, 259.037



3, 5.452, 243.651

Previews

White Background



This preview shows how the CIELCh color 64, 9.139, 52.995 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, 9.139, 52.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

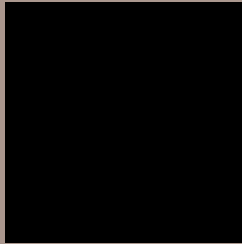
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 9.139, 52.995

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.139, 52.995.



This preview shows how white text looks on a background with the CIELCh color 64, 9.139, 52.995.

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, 9.139, 52.995

Protanopia

64, 6.539, 88.197

Deuteranopia

64, 10.810, 41.197



Tritanopia
64, 11.114, 347.139

Trichromacy



Original Color
64, 9.139, 52.995

Protanomaly
64, 7.283, 76.349

Deuteranomaly
64, 10.045, 42.823

Tritanomaly
64, 8.888, 5.793

Monochromacy



Original Color
64, 9.139, 52.995

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.183, 51.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 9.139, 52.995 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(170, 151, 142)` looks like.

```
.text, #text, p{  
    color:rgb(170, 151, 142)  
}
```

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(170, 151, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 151, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.139, 52.995 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(170, 151, 142) }
```

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

```
.border{ border-color:rgb(170, 151, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 151, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 151, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 151, 142);  
box-shadow:4px 4px 4px 4px rgb(170, 151,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.139, 52.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 151, 142) }
```

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

```
.background{ background-color: rgb(170,  
151, 142) }
```

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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