

Converting Colors

CIELCh(64, 11.435, 334.619)

Have a look what the booklet for
CIELCh(64, 11.435, 334.619)
contains.

CIELCh(64, 11.610, 334.514)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 11.610, 334.514)

Conversions

Conversions Part 1

Format	Color
Hex	AA95A4
RGB	170, 149, 164
RGB Percent	67%, 58%, 64%
CMY	0.3326, 0.4150, 0.3562
CMYK	0.00, 0.12, 0.04, 0.33
HSL	317°, 11%, 63%
HSV	317°, 12%, 67%
XYZ	34.1069, 32.8017, 39.7384
YIQ	156.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

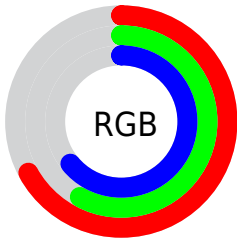
Format	Color
RYB	170, 149, 164
Decimal	11179428
CIELab	64.00, 10.48, -5.00
CIELCh	64, 11.610, 334.514
Yxy	32.8017, 0.3198, 0.3076
Android (android.graphics.Color)	4289369508 (0xFFAA95A4)
YUV	156.9890, 3.4564, 11.4106
Hunter-Lab	57.2727, 6.0726, -1.0471

Details

The CIELCh color **64, 11.610, 334.514** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 11.546, 152.883**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 11.631, 333.828**, and **44, 11.727, 335.390** is the 20% darker color. If you saturate the color by 10%, you get **60, 21.116, 335.237**, and if you desaturate by 10%, it is **69, 2.188, 333.736**.

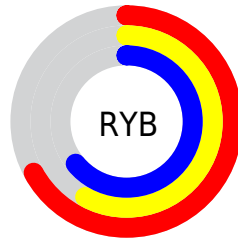
Distribution



Red (67%)

Green (58%)

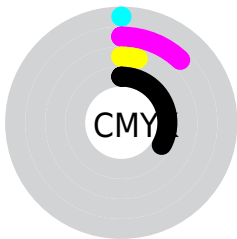
Blue (64%)



Red (67%)

Yellow (58%)

Blue (64%)

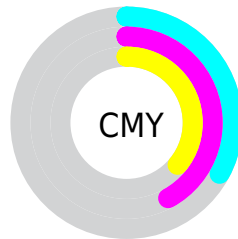


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (33%)



Cyan (33%)


Magenta (42%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 11.610, 334.514 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, 11.610, 334.514 by changing the saturation by 10% instead.


 64, 11.610,
334.514


 64, 11.610,
334.514


 100, 11.610,
334.514


 54, 11.610,
334.514


 84, 11.610,
334.514

 44, 11.610,
334.514

 94, 11.610,
334.514

 34, 11.610,
334.514

 24, 11.610,
334.514

 14, 11.610,
334.514

 4, 11.610, 334.514

 0, 11.610, 334.514

64, 11.610,
334.514

64, 11.610,
334.514

60, 21.116,
335.237

69, 2.188, 333.736

55, 30.559,
335.995

73, 7.048, 153.281

51, 39.708,
336.802

78, 16.047,
152.659

48, 48.246,
337.674

83, 24.782,
152.089

44, 55.774,
338.632

88, 33.246,
151.554

42, 61.851,
339.710

92, 41.443,
151.051

40, 66.076,
340.959


94, 41.731,
152.693

38, 68.233,

94, 39.896,
155.103

342.444

 94, 38.119,
157.729

 38, 68.886,
343.725

Harmonies

Complementary

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



64, 11.610, 334.514



68, 11.546, 152.883

Rectangle

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



64, 11.610, 334.514



64, 11.610, 24.514



64, 11.610, 154.514



64, 11.610, 204.514

Sweetspot

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



64, 11.608, 334.516



86, 4.641, 333.907



63, 12.009, 301.928



46, 3.326, 333.967



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, 11.608, 334.516



80, 17.538, 334.724



64, 8.590, 3.108



33, 5.264, 334.298



33, 62.269, 343.494



2, 9.043, 336.787

Inverse Universe

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



64, 11.608, 334.516



80, 17.538, 334.724



68, 8.206, 180.941



33, 5.264, 334.298



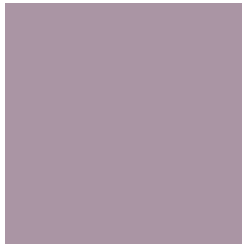
33, 62.269, 343.494



2, 9.043, 336.787

Previews

White Background



This preview shows how the CIELCh color 64, 11.610, 334.514 looks on a white background.

Color Contrast Check

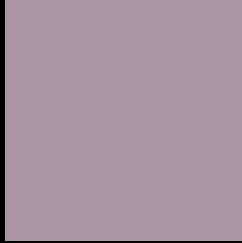
Large Text (above 18pt) WCAG AA × Fail

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, 11.610, 334.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

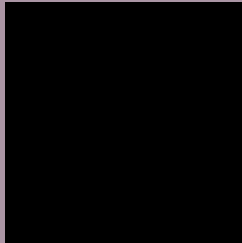
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 11.610, 334.514

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.610, 334.514.



This preview shows how white text looks on a background with the CIELCh color 64, 11.610, 334.514.

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, 11.610, 334.514

Protanopia

64, 7.256, 290.961

Deuteranopia

64, 9.260, 328.803



Tritanopia
64, 9.848, 341.948

Trichromacy



Original Color
64, 11.610, 334.514

Protanomaly
64, 8.413, 311.859

Deuteranomaly
64, 10.423, 331.960

Tritanomaly
64, 10.195, 339.483

Monochromacy



Original Color
64, 11.610, 334.514

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 4.554, 332.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.610, 334.514 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, 149, 164)` looks like.

```
.text, #text, p{  
    color:rgb(170, 149, 164)  
}
```

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, 149, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 149, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.610, 334.514 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, 149, 164) }
```

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

```
.border{ border-color:rgb(170, 149, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 149, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 149, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 149, 164);  
box-shadow:4px 4px 4px 4px rgb(170, 149,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.610, 334.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 149, 164) }
```

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

```
.background{ background-color: rgb(170,  
149, 164) }
```

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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