

Converting Colors

CIELCh(64, 11.640, 324.979)

Have a look what the booklet for
CIELCh(64, 11.640, 324.979)
contains.

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Color

CIELCh(64, 11.498, 324.970)

Conversions

Conversions Part 1

Format	Color
Hex	A796A7
RGB	167, 150, 167
RGB Percent	65%, 59%, 65%
CMY	0.3452, 0.4119, 0.3452
CMYK	0.00, 0.10, 0.00, 0.35
HSL	300°, 9%, 62%
HSV	300°, 10%, 65%
XYZ	33.8011, 32.8017, 41.0916
YIQ	157.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

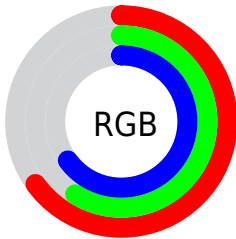
Format	Color
RYB	167, 150, 167
Decimal	10983079
CIELab	64.00, 9.42, -6.60
CIELCh	64, 11.498, 324.970
Yxy	32.8017, 0.3139, 0.3046
Android (android.graphics.Color)	4289173159 (0xFFA796A7)
YUV	157.0210, 4.9196, 8.7516
Hunter-Lab	57.2727, 5.1195, -2.4480

Details

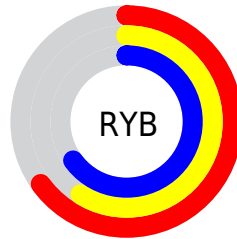
The CIELCh color **64, 11.498, 324.970** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 11.480, 143.869**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 11.533, 324.862**, and **44, 11.599, 325.151** is the 20% darker color. If you saturate the color by 10%, you get **60, 22.871, 325.517**, and if you desaturate by 10%, it is **68, 0.209, 323.371**.

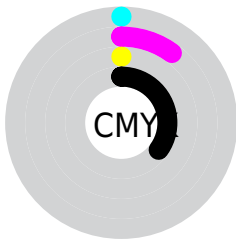
Distribution



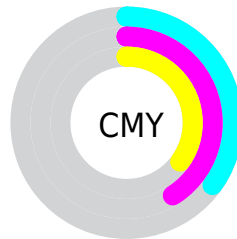
- Red (65%)
- Green (59%)
- Blue (65%)



- Red (65%)
- Yellow (59%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)





- Cyan (35%)
- Magenta (41%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 11.498, 324.970 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, 11.498, 324.970 by changing the saturation by 10% instead.


 64, 11.498,
324.970


 64, 11.498,
324.970


 100, 11.498,
324.970


 54, 11.498,
324.970


 84, 11.498,
324.970

 44, 11.498,
324.970

 94, 11.498,
324.970

 34, 11.498,
324.970

 24, 11.498,
324.970

 14, 11.498,
324.970

 4, 11.498, 324.970

 0, 11.498, 324.970

64, 11.498,
324.970

64, 11.498,
324.970

60, 22.871,
325.517

68, 0.209, 323.371

56, 34.159,
326.047

73, 10.876,
143.945

52, 45.110,
326.550

77, 21.686,
143.424

49, 55.394,
327.011

82, 32.185,
142.931

46, 64.614,
327.414

87, 42.356,
142.464

43, 72.346,
327.744

91, 52.198,
142.024


41, 78.219,
327.989

93, 54.998,
141.901

40, 82.028,

93, 54.998,
141.901

328.146

 93, 54.998,
141.901

 40, 84.163,
328.233

Harmonies

Complementary

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



64, 11.498, 324.970



67, 11.480, 143.869

Rectangle

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



64, 11.498, 324.970



64, 11.498, 14.970



64, 11.498, 144.970



64, 11.498, 194.970

Sweetspot

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



64, 11.496, 324.970



85, 4.174, 324.541



63, 9.530, 291.219



45, 3.190, 324.597



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 11.496, 324.970



80, 16.776, 325.083



64, 8.104, 344.446



33, 6.429, 324.920



35, 76.993, 328.233



2, 11.673, 324.439

Inverse Universe

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



64, 11.496, 324.970



80, 16.776, 325.083



67, 7.997, 162.856



33, 6.429, 324.920



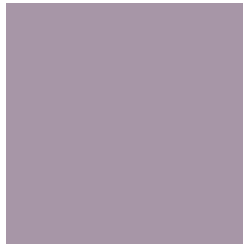
35, 76.993, 328.233



2, 11.673, 324.439

Previews

White Background



This preview shows how the CIELCh color 64, 11.498, 324.970 looks on a white background.

Color Contrast Check

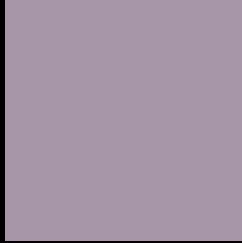
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 11.498, 324.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

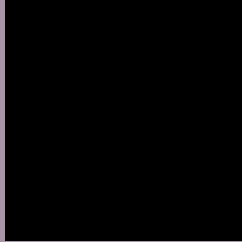
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 11.498, 324.970

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.498, 324.970.



This preview shows how white text looks on a background with the CIELCh color 64, 11.498, 324.970.

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, 11.498, 324.970

Protanopia

64, 8.929, 291.136

Deuteranopia

64, 10.415, 321.430



Tritanopia
64, 8.834, 331.049

Trichromacy



Original Color
64, 11.498, 324.970

Protanomaly
64, 9.237, 305.069

Deuteranomaly
64, 10.612, 323.214

Tritanomaly
64, 9.260, 328.803

Monochromacy



Original Color
64, 11.498, 324.970

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 4.751, 324.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.498, 324.970 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(167, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 150, 167)  
}
```

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(167, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 150, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.498, 324.970 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(167, 150, 167) }
```

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

```
.border{ border-color:rgb(167, 150, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 150, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 150,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.498, 324.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 150, 167) }
```

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

```
.background{ background-color: rgb(167,  
150, 167) }
```

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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