

Converting Colors

CIELCh(64, 7.592, 12.332)

Have a look what the booklet for
CIELCh(64, 7.592, 12.332) contains.

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Color

CIELCh(64, 7.474, 15.814)

Conversions

Conversions Part 1

Format	Color
Hex	AA9798
RGB	170, 151, 152
RGB Percent	67%, 59%, 60%
CMY	0.3346, 0.4090, 0.4051
CMYK	0.00, 0.11, 0.11, 0.33
HSL	357°, 10%, 63%
HSV	357°, 11%, 67%
XYZ	33.1685, 32.8017, 34.1565
YIQ	156.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

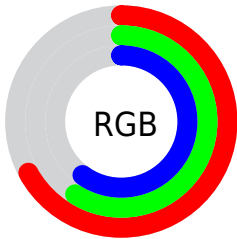
Format	Color
RYB	170, 151, 152
Decimal	11179928
CIELab	64.00, 7.19, 2.04
CIELCh	64, 7.474, 15.814
Yxy	32.8017, 0.3313, 0.3276
Android (android.graphics.Color)	4289370008 (0xFFAA9798)
YUV	156.7950, -2.3639, 11.5808
Hunter-Lab	57.2727, 3.1478, 4.7314

Details

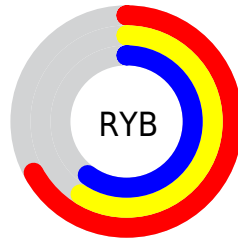
The CIELCh color **64, 7.474, 15.814** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 7.016, 194.370**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 7.409, 15.837**, and **44, 7.664, 15.911** is the 20% darker color. If you saturate the color by 10%, you get **59, 14.656, 16.799**, and if you desaturate by 10%, it is **69, 0.769, 14.503**.

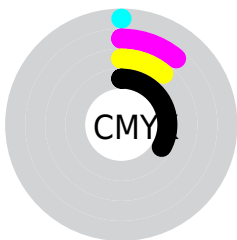
Distribution



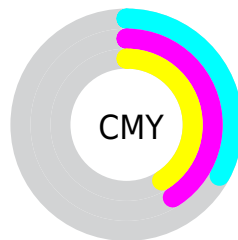
- Red (67%)
- Green (59%)
- Blue (60%)



- Red (67%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.474, 15.814 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, 7.474, 15.814 by changing the saturation by 10% instead.

 64, 7.474, 15.814  64, 7.474, 15.814

 100, 7.474, 15.814  54, 7.474, 15.814

 84, 7.474, 15.814  44, 7.474, 15.814

 94, 7.474, 15.814  34, 7.474, 15.814


 24, 7.474, 15.814

 14, 7.474, 15.814

 4, 7.474, 15.814

 0, 7.474, 15.814

 64, 7.474, 15.814  64, 7.474, 15.814

 59, 14.656, 16.799  69, 0.769, 14.503

55, 22.306, 17.993

74, 5.473, 194.596

50, 30.363, 19.502

79, 11.288,
194.033

46, 38.699, 21.431

84, 16.715,
193.583

43, 47.113, 23.896

40, 55.341, 26.996

89, 21.797,
193.204

37, 63.084, 30.719

94, 26.574,
192.879

36, 69.931, 34.762

35, 74.775, 37.720

95, 26.839,
197.763

Harmonies

Complementary

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



64, 7.474, 15.814



68, 7.016, 194.370

Rectangle

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



64, 7.474, 15.814



64, 7.474, 65.814



64, 7.474, 195.814



64, 7.474, 245.814

Sweetspot

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



64, 7.473, 15.826



87, 2.421, 15.017



64, 12.554, 323.181



46, 1.855, 15.125



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, 7.473, 15.826



80, 10.874, 16.013



66, 6.198, 66.600



33, 3.728, 15.654



30, 67.174, 37.231



1, 6.592, 15.648

Inverse Universe

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



64, 7.473, 15.826



80, 10.874, 16.013



66, 5.964, 249.270



33, 3.728, 15.654



30, 67.174, 37.231



1, 6.592, 15.648

Previews

White Background



This preview shows how the CIELCh color 64, 7.474, 15.814 looks on a white background.

Color Contrast Check

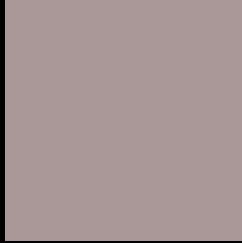
Large Text (above 18pt) WCAG AA × Fail

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, 7.474, 15.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

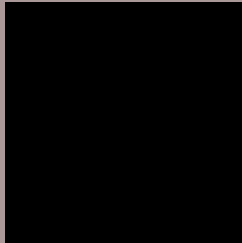
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 7.474, 15.814

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.474, 15.814.



This preview shows how white text looks on a background with the CIELCh color 64, 7.474, 15.814.

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, 7.474, 15.814

Protanopia

64, 1.542, 19.254

Deuteranopia

64, 8.319, 12.509



Tritanopia
64, 10.800, 342.277

Trichromacy



Original Color
64, 7.474, 15.814

Protanomaly
64, 3.493, 19.603

Deuteranomaly
64, 8.319, 12.509

Tritanomaly
64, 9.280, 351.689

Monochromacy



Original Color
64, 7.474, 15.814

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.707, 19.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.474, 15.814 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(170, 151, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 151, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.474, 15.814 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, 152) }
```

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

```
.border{ border-color:rgb(170, 151, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 151, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 151, 152);  
box-shadow:4px 4px 4px 4px rgb(170, 151,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.474, 15.814 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, 152) }
```

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

```
.background{ background-color: rgb(170,  
151, 152) }
```

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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