

Converting Colors

CIELCh(64, 7.174, 47.461)

Have a look what the booklet for
CIELCh(64, 7.174, 47.461) contains.

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Color

CIELCh(64, 7.174, 47.461)

Conversions

Conversions Part 1

Format	Color
Hex	A89892
RGB	168, 152, 146
RGB Percent	66%, 60%, 57%
CMY	0.3416, 0.4044, 0.4279
CMYK	0.00, 0.10, 0.13, 0.34
HSL	16°, 11%, 62%
HSV	16°, 13%, 66%
XYZ	32.5112, 32.8017, 31.7646
YIQ	156.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

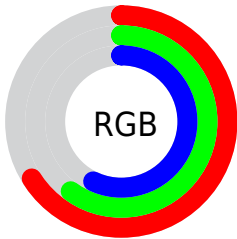
Format	Color
RYB	168, 154, 146
Decimal	11049106
CIELab	64.00, 4.85, 5.29
CIELCh	64, 7.174, 47.461
Yxy	32.8017, 0.3349, 0.3379
Android (android.graphics.Color)	4289239186 (0xFFA89892)
YUV	156.1000, -4.9793, 10.4363
Hunter-Lab	57.2727, 1.0992, 7.2075

Details

The CIELCh color $64, 7.174, 47.461$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.656, 229.129$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.070, 46.172$, and $44, 7.130, 44.714$ is the 20% darker color. If you saturate the color by 10%, you get $60, 13.150, 47.074$, and if you desaturate by 10%, it is $68, 1.633, 47.766$.

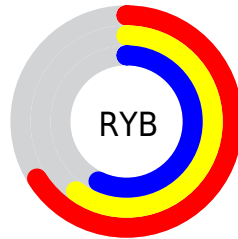
Distribution



Red (66%)

Green (60%)

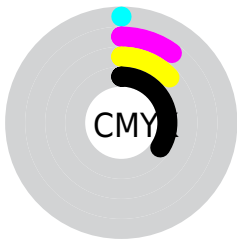
Blue (57%)



Red (66%)

Yellow (60%)

Blue (57%)

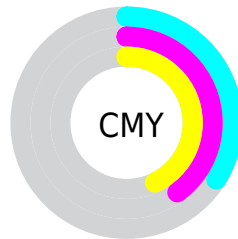


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.174, 47.461 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, 7.174, 47.461 by changing the saturation by 10% instead.

 64, 7.174, 47.461  64, 7.174, 47.461


 100, 7.174, 47.461  54, 7.174, 47.461

 84, 7.174, 47.461  44, 7.174, 47.461

 94, 7.174, 47.461  34, 7.174, 47.461

 24, 7.174, 47.461

 14, 7.174, 47.461

 4, 7.174, 47.461

 0, 7.174, 47.461

 64, 7.174, 47.461  64, 7.174, 47.461

 60, 13.150, 47.074  68, 1.633, 47.766

57, 19.601, 46.748

71, 3.514, 228.728

53, 26.551, 46.535

75, 8.310, 229.242

50, 33.999, 46.458

79, 12.798,
229.831

47, 41.893, 46.525

83, 17.014,
230.441

44, 50.079, 46.696

42, 58.192, 46.831

86, 20.992,
231.055

40, 65.435, 46.565

90, 23.232,
221.602

38, 69.939, 46.414

93, 25.643,
204.202

95, 27.324,
197.733

Harmonies

Complementary

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



64, 7.174, 47.461



66, 6.656, 229.129

Rectangle

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



64, 7.174, 47.461



64, 7.174, 97.461



64, 7.174, 227.461



64, 7.174, 277.461

Sweetspot

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



64, 7.174, 47.478



86, 2.629, 47.782



63, 12.360, 333.808



45, 1.871, 47.776



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, 7.174, 47.478



80, 11.023, 47.344



67, 9.487, 96.805



34, 3.060, 47.635



34, 63.404, 46.685



2, 5.479, 43.585

Inverse Universe

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



66, 6.656, 229.129



83, 10.026, 229.373



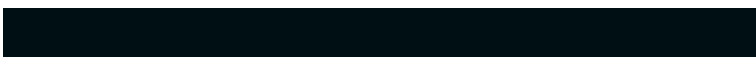
63, 9.593, 279.965



34, 2.906, 228.876



42, 31.155, 249.947



4, 5.388, 237.173

Previews

White Background



This preview shows how the CIELCh color 64, 7.174, 47.461 looks on a white background.

Color Contrast Check

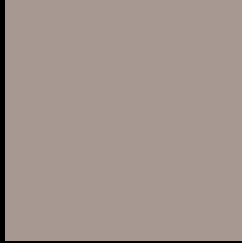
Large Text (above 18pt) WCAG AA × Fail

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, 7.174, 47.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

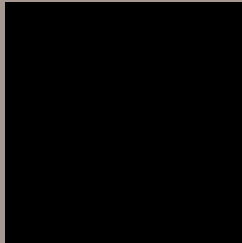
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 7.174, 47.461

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.174, 47.461.



This preview shows how white text looks on a background with the CIELCh color 64, 7.174, 47.461.

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, 7.174, 47.461

Protanopia

64, 4.842, 85.754

Deuteranopia

64, 9.449, 33.729



Tritanopia
64, 9.848, 341.948

Trichromacy



Original Color
64, 7.174, 47.461

Protanomaly
64, 5.249, 67.225

Deuteranomaly
64, 8.441, 39.183

Tritanomaly
64, 7.531, 358.470

Monochromacy



Original Color
64, 7.174, 47.461

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.543, 60.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.174, 47.461 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(168, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(168, 152, 146)  
}
```

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(168, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 152, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.174, 47.461 is called "border". The border property can be set on classes, ids or directly on the HTML element.

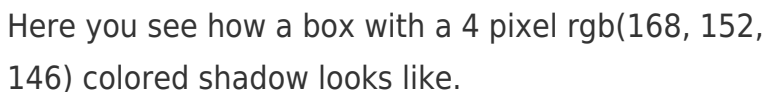
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 152, 146) }
```

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

```
.border{ border-color:rgb(168, 152, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(168, 152,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.174, 47.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 152, 146) }
```

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

```
.background{ background-color: rgb(168,  
152, 146) }
```

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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