

Converting Colors

CIELCh(64, 7.071, 79.047)

Have a look what the booklet for
CIELCh(64, 7.071, 79.047) contains.

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Color

CIELCh(64, 7.071, 79.076)

Conversions

Conversions Part 1

Format	Color
Hex	A39A8F
RGB	163, 154, 143
RGB Percent	64%, 60%, 56%
CMY	0.3615, 0.3967, 0.4399
CMYK	0.00, 0.06, 0.12, 0.36
HSL	33°, 10%, 60%
HSV	33°, 12%, 64%
XYZ	31.5419, 32.8017, 30.5891
YIQ	155.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

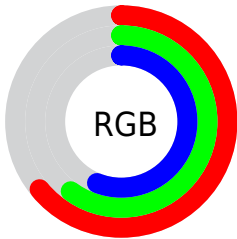
Format	Color
RYB	159, 163, 143
Decimal	10721935
CIELab	64.00, 1.34, 6.94
CIELCh	64, 7.071, 79.076
Yxy	32.8017, 0.3323, 0.3455
Android (android.graphics.Color)	4288912015 (0xFFA39A8F)
YUV	155.4370, -6.1314, 6.6328
Hunter-Lab	57.2727, -1.9218, 8.4244

Details

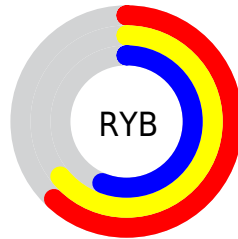
The CIELCh color **64, 7.071, 79.076** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 6.931, 262.331**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 6.863, 76.704**, and **44, 6.895, 79.209** is the 20% darker color. If you saturate the color by 10%, you get **62, 13.078, 77.837**, and if you desaturate by 10%, it is **66, 1.284, 80.153**.

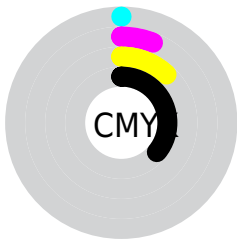
Distribution



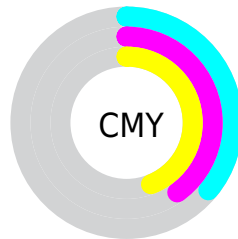
- Red (64%)
- Green (60%)
- Blue (56%)



- Red (62%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.071, 79.076 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, 7.071, 79.076 by changing the saturation by 10% instead.

■ 64, 7.071, 79.076 ■ 64, 7.071, 79.076

■ 100, 7.071, 79.076 ■ 54, 7.071, 79.076

■ 84, 7.071, 79.076 ■ 44, 7.071, 79.076

■ 94, 7.071, 79.076 ■ 34, 7.071, 79.076

■ 24, 7.071, 79.076

■ 14, 7.071, 79.076

■ 4, 7.071, 79.076

■ 0, 7.071, 79.076

■ 64, 7.071, 79.076 ■ 64, 7.071, 79.076

■ 62, 13.078, 77.837 ■ 66, 1.284, 80.153

59, 19.312, 76.542

69, 4.301, 261.643

57, 25.764, 75.220

71, 9.701, 262.768

55, 32.398, 73.866

74, 14.934,
263.875

53, 39.116, 72.462

76, 20.019,
264.940

51, 45.711, 70.958

49, 51.784, 69.238

79, 24.971,
265.959

47, 56.681, 67.087

81, 28.969,
265.928

46, 59.795, 65.255

83, 26.601,
257.104

85, 24.947,
246.972

Harmonies

Complementary

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



64, 7.071, 79.076



62, 6.931, 262.331

Rectangle

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



64, 7.071, 79.076



64, 7.071, 129.076



64, 7.071, 259.076



64, 7.071, 309.076

Sweetspot

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



64, 7.072, 79.092



84, 2.804, 80.031



61, 9.295, 347.466



44, 2.012, 79.960



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 7.072, 79.092



80, 10.756, 78.721



66, 11.012, 111.078



33, 3.245, 79.456



41, 54.954, 65.630



3, 4.785, 75.238

Inverse Universe

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



62, 6.931, 262.331



78, 10.478, 262.775



60, 11.320, 293.309



33, 3.200, 261.912



29, 51.388, 287.737



2, 5.182, 264.736

Previews

White Background



This preview shows how the CIELCh color 64, 7.071, 79.076 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, 7.071, 79.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

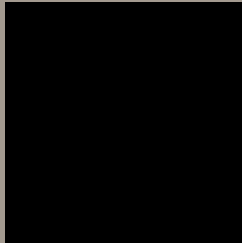
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 7.071, 79.076

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.071, 79.076.

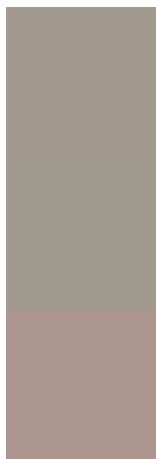


This preview shows how white text looks on a background with the CIELCh color 64, 7.071, 79.076.

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, 7.071, 79.076

Protanopia

64, 7.062, 89.734

Deuteranopia

64, 10.206, 39.171



Tritanopia
64, 8.834, 331.049

Trichromacy



Original Color
64, 7.071, 79.076

Protanomaly
64, 7.206, 86.735

Deuteranomaly
64, 8.542, 46.963

Tritanomaly
64, 5.512, 356.082

Monochromacy



Original Color
64, 7.071, 79.076

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.495, 82.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.071, 79.076 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(163, 154, 143)` looks like.

```
.text, #text, p{  
    color:rgb(163, 154, 143)  
}
```

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(163, 154, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 154, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.071, 79.076 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(163, 154, 143) }
```

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

```
.border{ border-color:rgb(163, 154, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 154, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 154, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 154, 143);  
box-shadow:4px 4px 4px 4px rgb(163, 154,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.071, 79.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 154, 143) }
```

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

```
.background{ background-color: rgb(163,  
154, 143) }
```

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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