

Converting Colors

CIELCh(64, 7.680, 79.501)

Have a look what the booklet for
CIELCh(64, 7.680, 79.501) contains.

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Color

CIELCh(64, 7.560, 81.098)

Conversions

Conversions Part 1

Format	Color
Hex	A39A8E
RGB	163, 154, 142
RGB Percent	64%, 60%, 56%
CMY	0.3612, 0.3965, 0.4435
CMYK	0.00, 0.06, 0.13, 0.36
HSL	34°, 10%, 60%
HSV	34°, 13%, 64%
XYZ	31.4954, 32.8017, 30.2220
YIQ	155.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

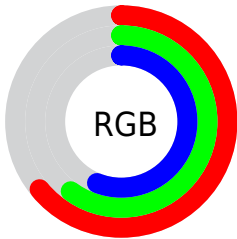
Format	Color
RYB	158, 163, 142
Decimal	10721934
CIELab	64.00, 1.17, 7.47
CIELCh	64, 7.560, 81.098
Yxy	32.8017, 0.3332, 0.3470
Android (android.graphics.Color)	4288912014 (0xFFA39A8E)
YUV	155.3230, -6.5682, 6.7327
Hunter-Lab	57.2727, -2.0667, 8.8044

Details

The CIELCh color **64, 7.560, 81.098** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 7.431, 264.524**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 7.314, 78.861**, and **44, 7.424, 81.362** is the 20% darker color. If you saturate the color by 10%, you get **62, 13.663, 79.842**, and if you desaturate by 10%, it is **66, 1.661, 82.238**.

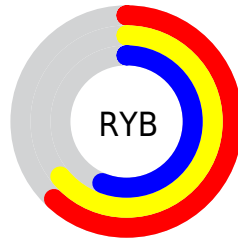
Distribution



Red (64%)

Green (60%)

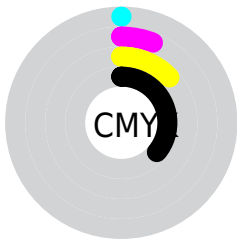
Blue (56%)



Red (62%)

Yellow (64%)

Blue (56%)

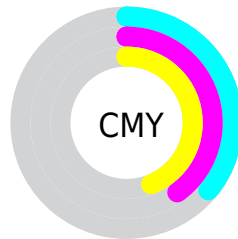


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.560, 81.098 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, 7.560, 81.098 by changing the saturation by 10% instead.

 64, 7.560, 81.098  64, 7.560, 81.098

 100, 7.560, 81.098  54, 7.560, 81.098

 84, 7.560, 81.098  44, 7.560, 81.098

 94, 7.560, 81.098  34, 7.560, 81.098

 24, 7.560, 81.098

 14, 7.560, 81.098

 4, 7.560, 81.098

 0, 7.560, 81.098

 64, 7.560, 81.098  64, 7.560, 81.098

 62, 13.663, 79.842  66, 1.661, 82.238

60, 19.972, 78.530

69, 4.047, 263.676

57, 26.474, 77.185

71, 9.581, 264.805

55, 33.122, 75.804

73, 14.957,
265.915

53, 39.805, 74.366

76, 20.190,
266.981

51, 46.298, 72.819

49, 52.179, 71.051

78, 25.296,
268.000

48, 56.784, 68.852

81, 29.853,
268.503

46, 59.491, 67.158

82, 27.390,
260.555

84, 25.529,
251.363

Harmonies

Complementary

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



64, 7.560, 81.098



62, 7.431, 264.524

Rectangle

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



64, 7.560, 81.098



64, 7.560, 131.098



64, 7.560, 261.098



64, 7.560, 311.098

Sweetspot

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



64, 7.561, 81.113



84, 2.856, 82.139



61, 9.667, 348.510



44, 2.049, 82.066



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, 7.561, 81.113



81, 10.935, 80.814



66, 11.568, 111.712



33, 3.302, 81.556



42, 54.675, 67.524



3, 4.855, 77.314

Inverse Universe

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



62, 7.431, 264.524



78, 10.704, 264.880



60, 11.906, 293.990



33, 3.266, 264.014



28, 53.494, 289.481



2, 5.279, 266.500

Previews

White Background



This preview shows how the CIELCh color 64, 7.560, 81.098 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, 7.560, 81.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

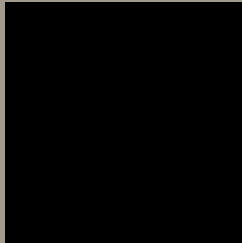
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

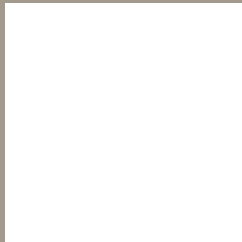
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 7.560, 81.098

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.560, 81.098.

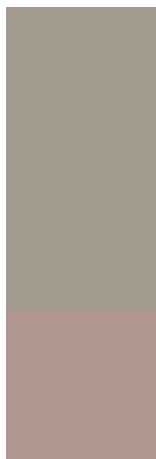


This preview shows how white text looks on a background with the CIELCh color 64, 7.560, 81.098.

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, 7.560, 81.098

Protanopia

64, 7.589, 91.050

Deuteranopia

64, 10.810, 41.197



Tritanopia
64, 8.834, 331.049

Trichromacy



Original Color
64, 7.560, 81.098

Protanomaly
64, 7.724, 88.223

Deuteranomaly
64, 9.185, 48.825

Tritanomaly
64, 5.319, 1.578

Monochromacy



Original Color
64, 7.560, 81.098

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.999, 86.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.560, 81.098 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(163, 154, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 154, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.560, 81.098 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, 142) }
```

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

```
.border{ border-color:rgb(163, 154, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 154, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 154, 142);  
box-shadow:4px 4px 4px 4px rgb(163, 154,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.560, 81.098 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, 142) }
```

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

```
.background{ background-color: rgb(163,  
154, 142) }
```

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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