

Converting Colors

CIELCh(64, 7.387, 83.840)

Have a look what the booklet for
CIELCh(64, 7.387, 83.840) contains.

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Color

CIELCh(64, 7.378, 83.849)

Conversions

Conversions Part 1

Format	Color
Hex	A29A8E
RGB	162, 154, 142
RGB Percent	64%, 60%, 56%
CMY	0.3642, 0.3956, 0.4427
CMYK	0.00, 0.05, 0.12, 0.36
HSL	36°, 10%, 60%
HSV	36°, 12%, 64%
XYZ	31.3919, 32.8017, 30.3148
YIQ	155.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

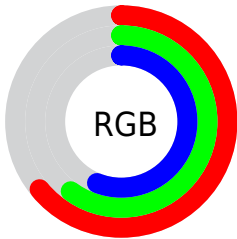
Format	Color
RYB	155, 162, 142
Decimal	10656398
CIELab	64.00, 0.79, 7.34
CIELCh	64, 7.378, 83.849
Yxy	32.8017, 0.3322, 0.3471
Android (android.graphics.Color)	4288846478 (0xFFA29A8E)
YUV	155.0240, -6.4208, 6.1180
Hunter-Lab	57.2727, -2.3892, 8.7084

Details

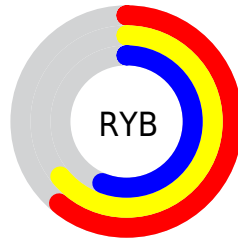
The CIELCh color $64, 7.378, 83.849$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 7.294, 267.117$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.130, 81.468$, and $44, 7.229, 84.426$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.566, 82.589$, and if you desaturate by 10%, it is $66, 1.372, 84.967$.

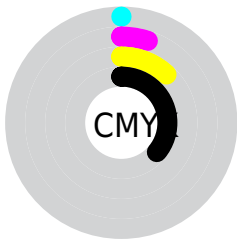
Distribution



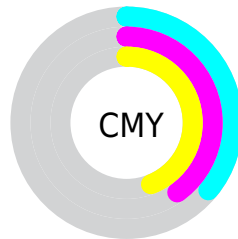
- Red (64%)
- Green (60%)
- Blue (56%)



- Red (61%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (36%)



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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 7.378, 83.849 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, 7.378, 83.849 by changing the saturation by 10% instead.

 64, 7.378, 83.849  64, 7.378, 83.849

 100, 7.378, 83.849  54, 7.378, 83.849

 84, 7.378, 83.849  44, 7.378, 83.849

 94, 7.378, 83.849  34, 7.378, 83.849

 24, 7.378, 83.849

 14, 7.378, 83.849

 4, 7.378, 83.849

 0, 7.378, 83.849

 64, 7.378, 83.849  64, 7.378, 83.849

 62, 13.566, 82.589  66, 1.372, 84.967

60, 19.932, 81.270

68, 4.463, 266.410

58, 26.459, 79.913

71, 10.140,
267.539

56, 33.095, 78.516

73, 15.672,
268.642

54, 39.722, 77.061

52, 46.112, 75.501

75, 21.073,
269.699

50, 51.846, 73.737

77, 26.356,
270.707

49, 56.283, 71.584

47, 58.976, 69.769

80, 31.239,
271.395

81, 28.735,
264.583

83, 26.695,
256.698

Harmonies

Complementary

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



64, 7.378, 83.849



62, 7.294, 267.117

Rectangle

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



64, 7.378, 83.849



64, 7.378, 133.849



64, 7.378, 263.849



64, 7.378, 313.849

Sweetspot

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



64, 7.379, 83.864



84, 2.930, 84.830



61, 9.027, 350.490



44, 2.102, 84.756



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, 7.379, 83.864



81, 11.196, 83.494



66, 11.051, 113.126



33, 3.385, 84.240



43, 54.412, 70.103



3, 4.961, 80.048

Inverse Universe

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



62, 7.294, 267.117



78, 11.026, 267.553



60, 11.357, 295.172



32, 3.360, 266.688



27, 56.346, 291.622



2, 5.417, 268.752

Previews

White Background



This preview shows how the CIELCh color 64, 7.378, 83.849 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, 7.378, 83.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

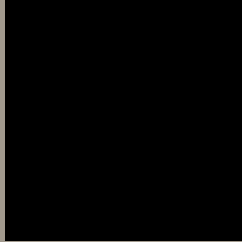
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 7.378, 83.849

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.378, 83.849.

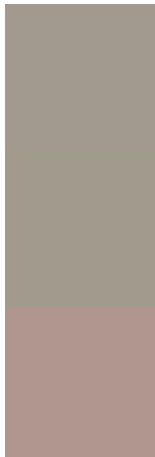


This preview shows how white text looks on a background with the CIELCh color 64, 7.378, 83.849.

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, 7.378, 83.849

Protanopia

64, 7.589, 91.050

Deuteranopia

64, 10.810, 41.197



Tritanopia
64, 8.591, 329.076

Trichromacy



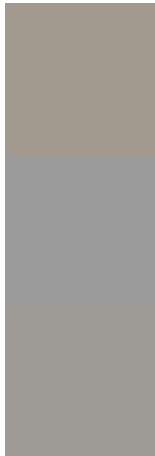
Original Color
64, 7.378, 83.849

Protanomaly
64, 7.589, 91.050

Deuteranomaly
64, 8.828, 50.083

Tritanomaly
64, 4.949, 0.106

Monochromacy



Original Color
64, 7.378, 83.849

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, 7.378, 83.849 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(162, 154, 142)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 154, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 154, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.378, 83.849 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(162, 154, 142) }
```

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

```
.border{ border-color:rgb(162, 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(162, 154, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 154, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 154, 142);  
box-shadow:4px 4px 4px 4px rgb(162, 154,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.378, 83.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 154, 142) }
```

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

```
.background{ background-color: rgb(162,  
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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