

Converting Colors

CIELCh(64, 7.115, 53.448)

Have a look what the booklet for
CIELCh(64, 7.115, 53.448) contains.

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Color

CIELCh(64, 7.120, 52.824)

Conversions

Conversions Part 1

Format	Color
Hex	A79891
RGB	167, 152, 145
RGB Percent	65%, 60%, 57%
CMY	0.3444, 0.4032, 0.4307
CMYK	0.00, 0.09, 0.13, 0.34
HSL	19°, 11%, 61%
HSV	19°, 13%, 66%
XYZ	32.3586, 32.8017, 31.4873
YIQ	155.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

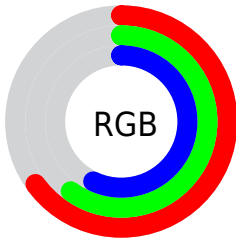
Format	Color
RYB	167, 155, 145
Decimal	10983569
CIELab	64.00, 4.30, 5.67
CIElCh	64, 7.120, 52.824
Yxy	32.8017, 0.3348, 0.3394
Android (android.graphics.Color)	4289173649 (0xFFA79891)
YUV	155.6870, -5.2687, 9.9215
Hunter-Lab	57.2727, 0.6236, 7.4946

Details

The CIELCh color $64, 7.120, 52.824$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 6.648, 235.014$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.004, 51.329$, and $44, 7.039, 50.468$ is the 20% darker color. If you saturate the color by 10%, you get $61, 12.997, 52.216$, and if you desaturate by 10%, it is $67, 1.648, 53.342$.

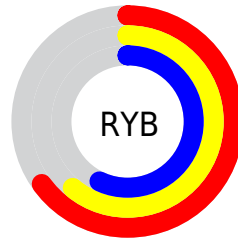
Distribution



Red (65%)

Green (60%)

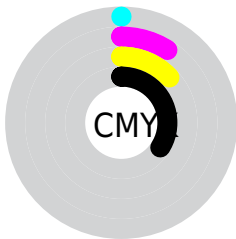
Blue (57%)



Red (65%)

Yellow (61%)

Blue (57%)

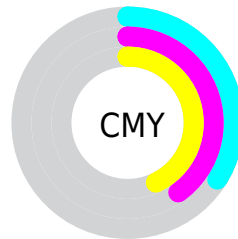


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (34%)



Cyan (34%)


Magenta (40%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.120, 52.824 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, 7.120, 52.824 by changing the saturation by 10% instead.

 64, 7.120, 52.824  64, 7.120, 52.824

 100, 7.120, 52.824  54, 7.120, 52.824

 84, 7.120, 52.824  44, 7.120, 52.824

 94, 7.120, 52.824  34, 7.120, 52.824

 24, 7.120, 52.824

 14, 7.120, 52.824

 4, 7.120, 52.824

 0, 7.120, 52.824

 64, 7.120, 52.824  64, 7.120, 52.824

 61, 12.997, 52.216  67, 1.648, 53.342

57, 19.317, 51.644

71, 3.458, 234.467

54, 26.104, 51.156

74, 8.239, 235.149

51, 33.358, 50.766

78, 12.733,
235.894

48, 41.028, 50.472

82, 16.976,
236.647

45, 48.960, 50.229

43, 56.790, 49.892

85, 20.998,
237.394

41, 63.744, 49.115

89, 23.068,
229.910

39, 68.059, 48.597

92, 24.340,
212.429

95, 27.428,
197.988

Harmonies

Complementary

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



64, 7.120, 52.824



65, 6.648, 235.014

Rectangle

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



64, 7.120, 52.824



64, 7.120, 102.824



64, 7.120, 232.824



64, 7.120, 282.824

Sweetspot

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



64, 7.120, 52.841



85, 2.585, 53.336



63, 11.944, 335.850



45, 1.857, 53.314



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, 7.120, 52.841



80, 10.814, 52.643



67, 10.002, 99.921



34, 3.035, 53.082



35, 61.958, 48.945



3, 5.412, 48.337

Inverse Universe

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



65, 6.648, 235.014



81, 9.918, 235.321



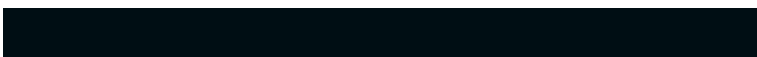
62, 10.165, 282.968



34, 2.896, 234.676



40, 33.311, 258.470



3, 5.446, 243.239

Previews

White Background



This preview shows how the CIELCh color 64, 7.120, 52.824 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, 7.120, 52.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

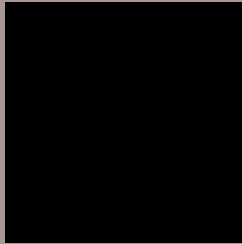
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 7.120, 52.824

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.120, 52.824.



This preview shows how white text looks on a background with the CIELCh color 64, 7.120, 52.824.

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, 7.120, 52.824

Protanopia

64, 5.357, 88.063

Deuteranopia

64, 9.847, 33.206



Tritanopia
64, 9.550, 340.456

Trichromacy



Original Color
64, 7.120, 52.824

Protanomaly
64, 5.678, 70.905

Deuteranomaly
64, 8.827, 38.347

Tritanomaly
64, 6.982, 1.486

Monochromacy



Original Color
64, 7.120, 52.824

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, 7.120, 52.824 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(167, 152, 145)` looks like.

```
.text, #text, p{  
    color:rgb(167, 152, 145)  
}
```

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(167, 152, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 152, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.120, 52.824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

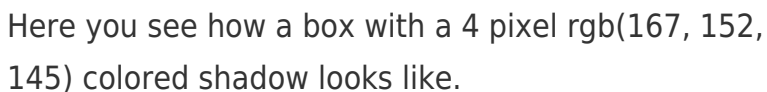
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 152, 145) }
```

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

```
.border{ border-color:rgb(167, 152, 145) }
```

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



Here you see how a box with a 4 pixel rgb(167, 152, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 152, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 152, 145);  
box-shadow:4px 4px 4px 4px rgb(167, 152,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.120, 52.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 152, 145) }
```

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

```
.background{ background-color: rgb(167,  
152, 145) }
```

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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