

Converting Colors

CIELCh(64, 43.422, 79.153)

Have a look what the booklet for
CIELCh(64, 43.422, 79.153) contains.

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Color

CIELCh(64, 43.422, 79.153)

Conversions

Conversions Part 1

Format	Color
Hex	BF944E
RGB	191, 148, 78
RGB Percent	75%, 58%, 31%
CMY	0.2510, 0.4196, 0.6941
CMYK	0.00, 0.23, 0.59, 0.25
HSL	37°, 47%, 53%
HSV	37°, 59%, 75%
XYZ	33.4464, 32.8017, 11.7745
YIQ	152.8770, 48.0980, -12.6540

Conversions

Conversions Part 2

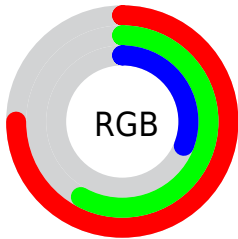
Format	Color
RYB	147, 191, 78
Decimal	12555342
CIELab	64.00, 8.17, 42.65
CIELCh	64, 43.422, 79.153
Yxy	32.8017, 0.4287, 0.4204
Android (android.graphics.Color)	4290745422 (0xFFBF944E)
YUV	152.8770, -36.9144, 33.4339
Hunter-Lab	57.2727, 4.0139, 27.9017

Details

The CIELCh color **64, 43.422, 79.153** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **51, 41.711, 279.080**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 43.484, 79.162**, and **44, 43.313, 79.731** is the 20% darker color. If you saturate the color by 10%, you get **62, 50.769, 77.606**, and if you desaturate by 10%, it is **66, 35.832, 80.617**.

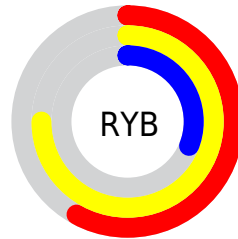
Distribution



Red (75%)

Green (58%)

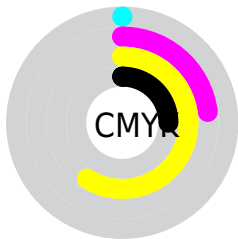
Blue (31%)



Red (58%)

Yellow (75%)

Blue (31%)

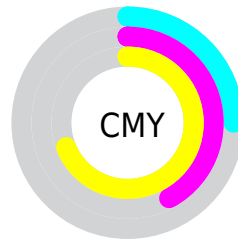


Cyan (0%)

Magenta (23%)

Yellow (59%)

Black (25%)



Cyan (25%)

Magenta (42%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 43.422, 79.153 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, 43.422, 79.153 by changing the saturation by 10% instead.

■ 64, 43.422, 79.153

■ 64, 43.422, 79.153

■ 100, 43.422,
79.153

■ 54, 43.422, 79.153

■ 84, 43.422, 79.153

■ 44, 43.422, 79.153

■ 94, 43.422, 79.153

■ 34, 43.422, 79.153

■ 24, 43.422, 79.153

■ 14, 43.422, 79.153

■ 4, 43.422, 79.153

■ 0, 43.422, 79.153

■ 64, 43.422, 79.153

■ 64, 43.422, 79.153

■ 62, 50.769, 77.606

■ 66, 35.832, 80.617

60, 57.435, 75.884

68, 28.240, 82.023

58, 62.725, 73.831

71, 20.764, 83.388

56, 66.187, 71.328

73, 13.459, 84.712

56, 66.474, 71.126

75, 6.344, 85.981

78, 0.580, 267.730

80, 7.323, 268.510

82, 13.898,
269.644

85, 20.319,
270.739

Harmonies

Complementary

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



64, 43.422, 79.153



51, 41.711, 279.080

Rectangle

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



64, 43.422, 79.153



64, 43.422, 129.153



64, 43.422, 259.153



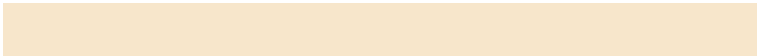
64, 43.422, 309.153

Sweetspot

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



64, 43.422, 79.157



92, 15.577, 84.826



49, 49.583, 358.492



49, 10.957, 84.442



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 43.422, 79.157



78, 64.171, 77.120



74, 57.697, 110.349



39, 3.886, 85.959



47, 57.769, 71.626



7, 10.623, 73.665

Inverse Universe

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



51, 41.711, 279.080



58, 62.306, 283.346



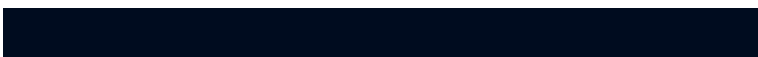
40, 68.107, 301.861



37, 3.865, 268.441



29, 62.476, 293.258



3, 12.938, 276.447

Previews

White Background



This preview shows how the CIELCh color 64, 43.422, 79.153 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, 43.422, 79.153 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, 43.422, 79.153

Background



This preview shows how black text looks on a background with the CIELCh color 64, 43.422, 79.153.



This preview shows how white text looks on a background with the CIELCh color 64, 43.422, 79.153.

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, 43.422, 79.153

Protanopia

64, 41.236, 95.712

Deuteranopia

64, 43.422, 79.153



Tritanopia
64, 23.370, 8.278

Trichromacy



Original Color
64, 43.422, 79.153

Protanomaly
64, 41.511, 89.372

Deuteranomaly
64, 43.422, 79.153

Tritanomaly
64, 24.767, 46.107

Monochromacy



Original Color
64, 43.422, 79.153

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 15.444, 83.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 43.422, 79.153 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(191, 148, 78)` looks like.

```
.text, #text, p{  
    color:rgb(191, 148, 78)  
}
```

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(191, 148, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 148, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 43.422, 79.153 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(191, 148, 78) }
```

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

```
.border{ border-color:rgb(191, 148, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 148, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 148, 78); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 148, 78); box-shadow:4px 4px 4px 4px rgb(191, 148, 78) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 43.422, 79.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 148, 78) }
```

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

```
.background{ background-color: rgb(191,  
148, 78) }
```

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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