

Converting Colors

CIELCh(64, 44.626, 79.025)

Have a look what the booklet for
CIELCh(64, 44.626, 79.025) contains.

CIELCh(64, 44.579, 79.069)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 44.579, 79.069)

Conversions

Conversions Part 1

Format	Color
Hex	C0944C
RGB	192, 148, 76
RGB Percent	75%, 58%, 30%
CMY	0.2480, 0.4205, 0.7028
CMYK	0.00, 0.23, 0.60, 0.25
HSL	37°, 48%, 52%
HSV	37°, 60%, 75%
XYZ	33.5266, 32.8017, 11.3627
YIQ	152.9480, 49.3360, -13.0640

Conversions

Conversions Part 2

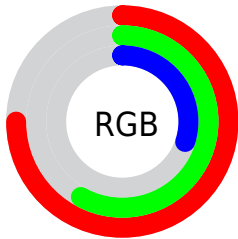
Format	Color
RYB	147, 192, 76
Decimal	12620876
CIELab	64.00, 8.45, 43.77
CIElCh	64, 44.579, 79.069
Yxy	32.8017, 0.4315, 0.4222
Android (android.graphics.Color)	4290810956 (0xFFC0944C)
YUV	152.9480, -37.9354, 34.2486
Hunter-Lab	57.2727, 4.2638, 28.3280

Details

The CIELCh color **64, 44.579, 79.069** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **50, 42.891, 279.594**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 44.616, 79.153**, and **44, 44.722, 79.612** is the 20% darker color. If you saturate the color by 10%, you get **62, 51.885, 77.505**, and if you desaturate by 10%, it is **66, 36.980, 80.542**.

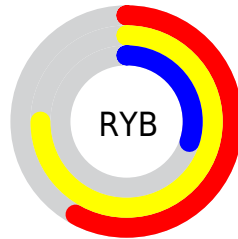
Distribution



Red (75%)

Green (58%)

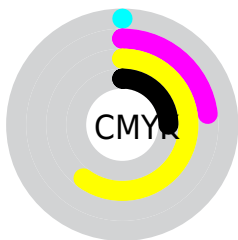
Blue (30%)



Red (58%)

Yellow (75%)

Blue (30%)

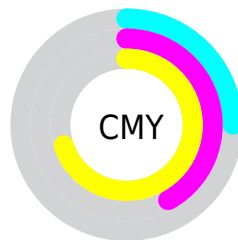


Cyan (0%)

Magenta (23%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (42%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 44.579, 79.069 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, 44.579, 79.069 by changing the saturation by 10% instead.

64, 44.579, 79.069

64, 44.579, 79.069

100, 44.579,
79.069

54, 44.579, 79.069

84, 44.579, 79.069

44, 44.579, 79.069

94, 44.579, 79.069

34, 44.579, 79.069

24, 44.579, 79.069

14, 44.579, 79.069

4, 44.579, 79.069

0, 44.579, 79.069

64, 44.579, 79.069

64, 44.579, 79.069

62, 51.885, 77.505

66, 36.980, 80.542

60, 58.427, 75.750

68, 29.352, 81.955

58, 63.476, 73.638

71, 21.828, 83.325

56, 66.664, 71.238

73, 14.470, 84.655

75, 7.299, 85.934

77, 0.319, 86.393

80, 6.478, 268.474

82, 13.105,
269.612

85, 19.577,
270.712

Harmonies

Complementary

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



64, 44.579, 79.069



50, 42.891, 279.594

Rectangle

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



64, 44.579, 79.069



64, 44.579, 129.069



64, 44.579, 259.069



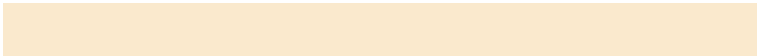
64, 44.579, 309.069

Sweetspot

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



64, 44.579, 79.073



93, 15.725, 84.940



49, 50.707, 358.793



49, 10.969, 84.557



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, 44.579, 79.073



78, 66.420, 76.884



75, 58.970, 110.276



40, 3.978, 86.070



48, 58.449, 71.701



8, 12.058, 72.881

Inverse Universe

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



50, 42.891, 279.594



58, 64.838, 284.186



40, 69.968, 302.076



38, 3.957, 268.560



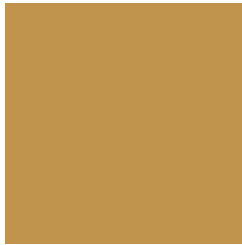
29, 63.446, 293.397



4, 14.479, 277.590

Previews

White Background



This preview shows how the CIELCh color 64, 44.579, 79.069 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, 44.579, 79.069 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, 44.579, 79.069

Background



This preview shows how black text looks on a background with the CIELCh color 64, 44.579, 79.069.



This preview shows how white text looks on a background with the CIELCh color 64, 44.579, 79.069.

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, 44.579, 79.069

Protanopia

64, 42.680, 95.897

Deuteranopia

64, 44.352, 79.580



Tritanopia
64, 24.263, 7.568

Trichromacy



Original Color
64, 44.579, 79.069

Protanomaly
64, 42.931, 89.760

Deuteranomaly
64, 44.352, 79.580

Tritanomaly
64, 25.605, 45.338

Monochromacy



Original Color
64, 44.579, 79.069

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 15.953, 83.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 44.579, 79.069 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(192, 148, 76)` looks like.

```
.text, #text, p{  
    color:rgb(192, 148, 76)  
}
```

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(192, 148, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 148, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 44.579, 79.069 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(192, 148, 76) }
```

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

```
.border{ border-color:rgb(192, 148, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 148, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 148, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 148, 76);  
box-shadow:4px 4px 4px 4px rgb(192, 148,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 44.579, 79.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 148, 76) }
```

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

```
.background{ background-color: rgb(192,  
148, 76) }
```

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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