

Converting Colors

CIELCh(64, 23.415, 61.231)

Have a look what the booklet for
CIELCh(64, 23.415, 61.231) contains.

CIELCh(64, 23.389, 61.579)	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, 23.389, 61.579)

Conversions

Conversions Part 1

Format	Color
Hex	BB9377
RGB	187, 147, 119
RGB Percent	73%, 58%, 47%
CMY	0.2663, 0.4232, 0.5330
CMYK	0.00, 0.21, 0.36, 0.27
HSL	25°, 33%, 60%
HSV	25°, 36%, 73%
XYZ	34.2949, 32.8017, 22.0010
YIQ	155.7680, 32.8280, -0.2280

Conversions

Conversions Part 2

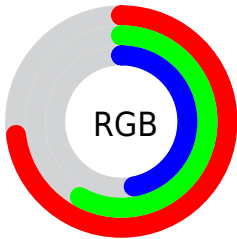
Format	Color
RYB	187, 167, 119
Decimal	12292983
CIELab	64.00, 11.13, 20.57
CIElCh	64, 23.389, 61.579
Yxy	32.8017, 0.3849, 0.3682
Android (android.graphics.Color)	4290483063 (0xFFBB9377)
YUV	155.7680, -18.1266, 27.3905
Hunter-Lab	57.2727, 6.6586, 17.3150

Details

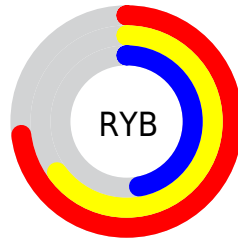
The CIELCh color **64, 23.389, 61.579** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 19.934, 250.760**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.441, 62.075**, and **44, 23.411, 61.478** is the 20% darker color. If you saturate the color by 10%, you get **61, 30.768, 60.627**, and if you desaturate by 10%, it is **67, 16.431, 62.575**.

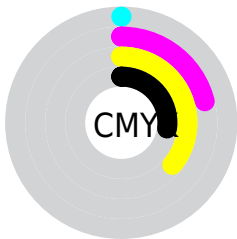
Distribution



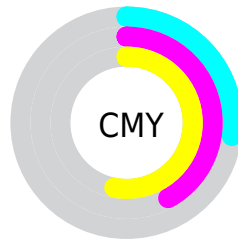
- Red (73%)
- Green (58%)
- Blue (47%)



- Red (73%)
- Yellow (65%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 23.389, 61.579 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, 23.389, 61.579 by changing the saturation by 10% instead.

■ 64, 23.389, 61.579

■ 64, 23.389, 61.579

■ 100, 23.389,
61.579

■ 54, 23.389, 61.579

■ 84, 23.389, 61.579

■ 44, 23.389, 61.579

■ 94, 23.389, 61.579

■ 34, 23.389, 61.579

■ 24, 23.389, 61.579

■ 14, 23.389, 61.579

■ 4, 23.389, 61.579

■ 0, 23.389, 61.579

■ 64, 23.389, 61.579

■ 64, 23.389, 61.579

■ 61, 30.768, 60.627

■ 67, 16.431, 62.575

58, 38.543, 59.698

70, 9.886, 63.581

55, 46.607, 58.772

74, 3.724, 64.549

52, 54.701, 57.764

77, 2.089, 245.898

50, 62.265, 56.472

81, 7.592, 246.786

48, 68.371, 54.545

84, 12.819,
247.778

47, 70.486, 53.897

87, 17.803,
248.760

90, 18.294,
233.139

93, 19.454,
211.975

Harmonies

Complementary

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



64, 23.389, 61.579



64, 19.934, 250.760

Rectangle

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



64, 23.389, 61.579



64, 23.389, 111.579



64, 23.389, 241.579



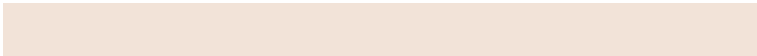
64, 23.389, 291.579

Sweetspot

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



64, 23.389, 61.586



91, 8.076, 64.096



58, 34.332, 341.690



48, 5.493, 63.962



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 23.389, 61.586



78, 35.848, 60.782



73, 32.818, 101.964



38, 3.378, 64.273



40, 61.990, 54.408



5, 10.058, 50.262

Inverse Universe

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



64, 19.934, 250.760



77, 29.275, 252.639



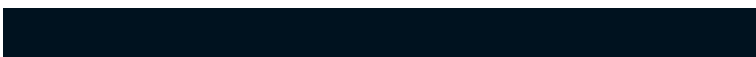
54, 35.239, 290.800



38, 3.262, 246.454



38, 41.806, 273.300



5, 10.584, 260.013

Previews

White Background



This preview shows how the CIELCh color 64, 23.389, 61.579 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, 23.389, 61.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

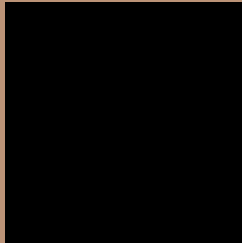
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 23.389, 61.579

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.389, 61.579.



This preview shows how white text looks on a background with the CIELCh color 64, 23.389, 61.579.

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, 23.389, 61.579

Protanopia

64, 18.200, 95.018

Deuteranopia

64, 22.002, 68.672



Tritanopia
64, 20.285, 4.131

Trichromacy



Original Color
64, 23.389, 61.579

Protanomaly
64, 18.917, 80.532

Deuteranomaly
64, 22.493, 65.396

Tritanomaly
64, 18.879, 26.215

Monochromacy



Original Color
64, 23.389, 61.579

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.882, 64.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.389, 61.579 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(187, 147, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 147, 119)  
}
```

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(187, 147, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 147, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.389, 61.579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

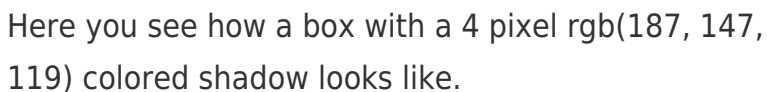
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 147, 119) }
```

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

```
.border{ border-color:rgb(187, 147, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 147, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 147, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 147, 119); box-shadow:4px 4px 4px 4px rgb(187, 147, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.389, 61.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 147, 119) }
```

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

```
.background{ background-color: rgb(187,  
147, 119) }
```

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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