

Converting Colors

CIELCh(75, 39.504, 103.329)

Have a look what the booklet for
CIELCh(75, 39.504, 103.329)
contains.

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Color

CIELCh(75, 39.574, 103.331)

Conversions

Conversions Part 1

Format	Color
Hex	C1BC71
RGB	193, 188, 113
RGB Percent	76%, 74%, 44%
CMY	0.2447, 0.2642, 0.5582
CMYK	0.00, 0.03, 0.42, 0.24
HSL	56°, 39%, 60%
HSV	56°, 42%, 76%
XYZ	42.7584, 48.2781, 22.5841
YIQ	180.9450, 27.0550, -22.2650

Conversions

Conversions Part 2

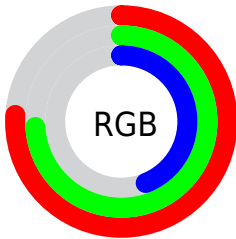
Format	Color
RYB	118, 193, 113
Decimal	12696689
CIELab	75.00, -9.12, 38.51
CIELCh	75, 39.574, 103.331
Yxy	48.2781, 0.3763, 0.4249
Android (android.graphics.Color)	4290886769 (0xFFC1BC71)
YUV	180.9450, -33.4969, 10.5722
Hunter-Lab	69.4824, -11.7483, 29.3665

Details

The CIELCh color **75, 39.574, 103.331** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **52, 43.492, 293.388**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 39.503, 103.068**, and **55, 39.641, 103.331** is the 20% darker color. If you saturate the color by 10%, you get **74, 48.504, 102.346**, and if you desaturate by 10%, it is **76, 30.264, 104.351**.

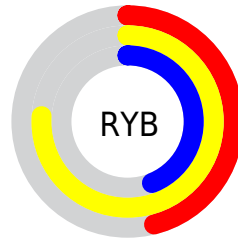
Distribution



Red (76%)

Green (74%)

Blue (44%)



Red (46%)

Yellow (76%)

Blue (44%)

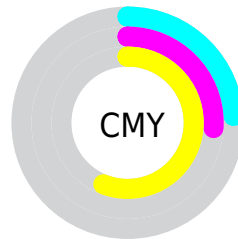


Cyan (0%)

Magenta (3%)

Yellow (42%)

Black (24%)



Cyan (24%)


Magenta (26%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 39.574, 103.331 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 75, 39.574, 103.331 by changing the saturation by 10% instead.


 75, 39.574,
103.331


 75, 39.574,
103.331


 100, 39.574,
103.331


 65, 39.574,
103.331


 95, 39.574,
103.331

 55, 39.574,
103.331

 45, 39.574,
103.331

 35, 39.574,
103.331

 25, 39.574,
103.331

 15, 39.574,
103.331

 5, 39.574, 103.331

0, 39.574, 103.331

75, 39.574,
103.331

75, 39.574,
103.331

74, 48.504,
102.346

76, 30.264,
104.351

74, 56.783,
101.410

76, 20.742,
105.378

73, 64.020,
100.554

77, 11.117,
106.397

73, 69.706, 99.803

78, 1.455, 107.351

73, 73.349, 99.175

79, 8.202, 288.400

72, 74.998, 98.720

80, 17.828,
289.340

80, 27.405,

290.246

■ 81, 30.727,
290.082

■ 81, 30.073,
289.223

Harmonies

Complementary

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



75, 39.574, 103.331



52, 43.492, 293.388

Rectangle

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



75, 39.574, 103.331



75, 39.574, 153.331



75, 39.574, 283.331



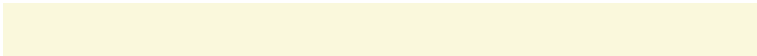
75, 39.574, 333.331

Sweetspot

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



75, 39.575, 103.334



97, 14.312, 106.329



56, 33.918, 18.559



52, 9.491, 106.196



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 39.575, 103.334



94, 58.227, 102.416



74, 44.360, 124.690



41, 5.500, 106.613



61, 65.602, 98.778



11, 17.252, 103.242

Inverse Universe

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



52, 43.492, 293.388



60, 65.949, 295.266



54, 47.552, 309.017



38, 5.607, 288.570



19, 91.743, 305.403



1, 18.613, 289.444

Previews

White Background



This preview shows how the CIELCh color 75, 39.574, 103.331 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 75, 39.574, 103.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

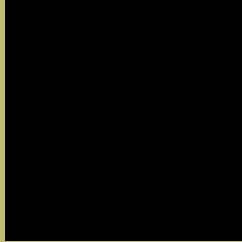
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.574, 103.331

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.574, 103.331.



This preview shows how white text looks on a background with the CIELCh color 75, 39.574, 103.331.

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
75, 39.574, 103.331

Protanopia
75, 39.327, 95.849

Deuteranopia
75, 38.854, 75.641



Tritanopia
75, 11.432, 339.057

Trichromacy



Original Color
75, 39.574, 103.331

Protanomaly
75, 39.493, 98.378

Deuteranomaly
75, 37.949, 85.590

Tritanomaly
75, 12.004, 77.659

Monochromacy



Original Color
75, 39.574, 103.331

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.543, 105.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.574, 103.331 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(193, 188, 113)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 113)  
}
```

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(193, 188, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.574, 103.331 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(193, 188, 113) }
```

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

```
.border{ border-color:rgb(193, 188, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 188, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 188, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 188, 113);  
box-shadow:4px 4px 4px 4px rgb(193, 188,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.574, 103.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 188, 113) }
```

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

```
.background{ background-color: rgb(193,  
188, 113) }
```

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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