

Converting Colors

CIELCh(75, 69.444, 101.270)

Have a look what the booklet for
CIELCh(75, 69.444, 101.270)
contains.

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Color

CIELCh(75, 69.408, 101.382)

Conversions

Conversions Part 1

Format	Color
Hex	C3BD2C
RGB	195, 189, 44
RGB Percent	76%, 74%, 17%
CMY	0.2346, 0.2581, 0.8266
CMYK	0.00, 0.03, 0.77, 0.23
HSL	58°, 63%, 47%
HSV	58°, 77%, 77%
XYZ	41.2455, 48.2781, 9.5476
YIQ	174.2640, 50.1210, -43.8230

Conversions

Conversions Part 2

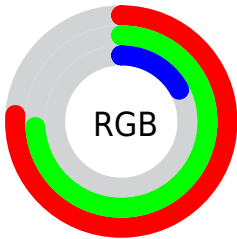
Format	Color
RYB	50, 195, 44
Decimal	12827948
CIELab	75.00, -13.70, 68.04
CIElCh	75, 69.408, 101.382
Yxy	48.2781, 0.4163, 0.4873
Android (android.graphics.Color)	4291018028 (0xFFC3BD2C)
YUV	174.2640, -64.2202, 18.1855
Hunter-Lab	69.4824, -15.6348, 40.4906

Details

The CIELCh color **75, 69.408, 101.382** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **31, 88.826, 302.209**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 69.468, 101.293**, and **55, 60.738, 102.406** is the 20% darker color. If you saturate the color by 10%, you get **75, 74.010, 100.805**, and if you desaturate by 10%, it is **75, 62.910, 102.106**.

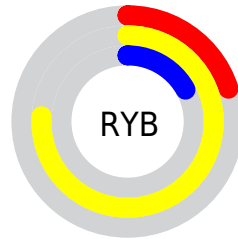
Distribution



Red (76%)

Green (74%)

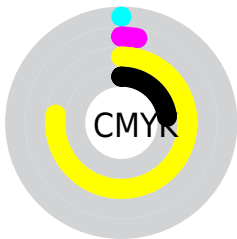
Blue (17%)



Red (20%)

Yellow (76%)

Blue (17%)

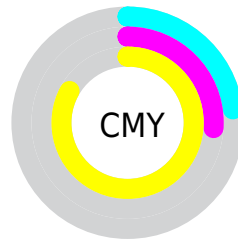


Cyan (0%)

Magenta (3%)

Yellow (77%)

Black (23%)



Cyan (23%)


Magenta (26%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 69.408, 101.382 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, 69.408, 101.382 by changing the saturation by 10% instead.


 75, 69.408,
101.382


 75, 69.408,
101.382


 100, 69.408,
101.382


 65, 69.408,
101.382


 95, 69.408,
101.382

 55, 69.408,
101.382

 45, 69.408,
101.382

 35, 69.408,
101.382

 25, 69.408,
101.382

 15, 69.408,
101.382

 5, 69.408, 101.382

0, 69.408, 101.382

75, 69.408,
101.382

75, 69.408,
101.382

75, 74.010,
100.805

75, 62.910,
102.106

74, 76.464,
100.373

76, 55.029,
102.940

74, 76.958,
100.269

76, 46.235,
103.856

77, 36.874,
104.824

77, 27.181,
105.819

78, 17.304,
106.822

■ 78, 7.338, 107.813

■ 79, 2.659, 288.832

■ 80, 12.648,
289.760

Harmonies

Complementary

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



75, 69.408, 101.382



31, 88.826, 302.209

Rectangle

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



75, 69.408, 101.382



75, 69.408, 151.382



75, 69.408, 281.382



75, 69.408, 331.382

Sweetspot

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



75, 69.408, 101.384



98, 28.447, 106.218



44, 67.539, 29.689



52, 19.658, 105.850



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 69.408, 101.384



95, 92.862, 100.485



72, 77.388, 124.604



41, 5.627, 107.616



62, 66.643, 100.307



12, 17.739, 104.569

Inverse Universe

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



31, 88.826, 302.209



34, 128.117, 305.310



36, 88.600, 311.288



38, 5.742, 289.537



19, 92.795, 305.721



1, 18.924, 290.073

Previews

White Background



This preview shows how the CIELCh color 75, 69.408, 101.382 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, 69.408, 101.382 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, 69.408, 101.382

Background



This preview shows how black text looks on a background with the CIELCh color 75, 69.408, 101.382.



This preview shows how white text looks on a background with the CIELCh color 75, 69.408, 101.382.

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, 69.408, 101.382

Protanopia

75, 69.024, 95.396

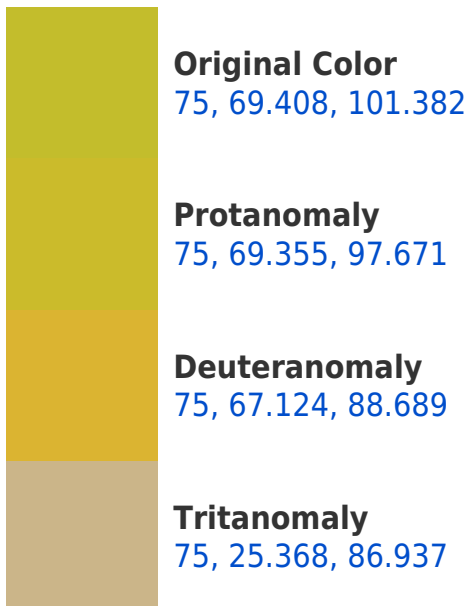
Deuteranopia

75, 67.701, 81.639



Tritanopia
75, 13.848, 347.657

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 69.408, 101.382 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(195, 189, 44)` looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 44)  
}
```

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(195, 189, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 69.408, 101.382 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(195, 189, 44) }
```

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

```
.border{ border-color:rgb(195, 189, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 189, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 189, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 189, 44);  
box-shadow:4px 4px 4px 4px rgb(195, 189,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 69.408, 101.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 44) }
```

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

```
.background{ background-color: rgb(195,  
189, 44) }
```

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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