

Converting Colors

CIELCh(73, 75.808, 101.196)

Have a look what the booklet for
CIELCh(73, 75.808, 101.196)
contains.

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Color

CIELCh(73, 75.757, 101.169)

Conversions

Conversions Part 1

Format	Color
Hex	BDB801
RGB	189, 184, 1
RGB Percent	74%, 72%, 0%
CMY	0.2583, 0.2780, 0.9948
CMYK	0.00, 0.03, 0.99, 0.26
HSL	58°, 99%, 37%
HSV	58°, 99%, 74%
XYZ	38.1872, 45.1644, 6.7426
YIQ	164.6330, 61.7230, -55.8530

Conversions

Conversions Part 2

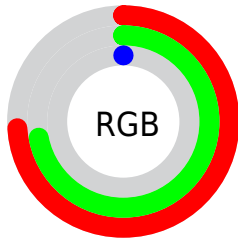
Format	Color
RYB	6, 189, 1
Decimal	12433409
CIELab	73.00, -14.67, 74.32
CIELCh	73, 75.757, 101.169
Yxy	45.1644, 0.4239, 0.5013
Android (android.graphics.Color)	4290623489 (0xFFBDB801)
YUV	164.6330, -80.6711, 21.3699
Hunter-Lab	67.2044, -16.1797, 41.0945

Details

The CIELCh color **73, 75.757, 101.169** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **23, 105.340, 305.917**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 75.701, 101.279**, and **53, 59.114, 102.852** is the 20% darker color. If you saturate the color by 10%, you get **73, 75.894, 101.149**, and if you desaturate by 10%, it is **73, 73.544, 101.515**.

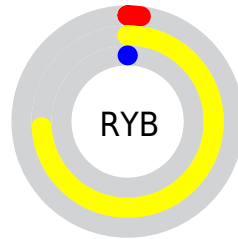
Distribution



Red (74%)

Green (72%)

Blue (0%)



Red (2%)

Yellow (74%)

Blue (0%)

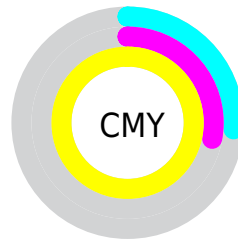


Cyan (0%)

Magenta (3%)

Yellow (99%)

Black (26%)



Cyan (26%)


Magenta (28%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 75.757, 101.169 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 73, 75.757, 101.169 by changing the saturation by 10% instead.


 73, 75.757,
101.169


 73, 75.757,
101.169


 100, 75.757,
101.169


 63, 75.757,
101.169


 93, 75.757,
101.169

 53, 75.757,
101.169

 43, 75.757,
101.169

 33, 75.757,
101.169

 23, 75.757,
101.169

 13, 75.757,
101.169

 3, 75.757, 101.169

■ 0, 75.757, 101.169

■ 73, 75.757,
101.169

■ 73, 75.757,
101.169

■ 73, 75.894,
101.149

■ 73, 73.544,
101.515

■ 73, 69.407,
102.007

■ 74, 63.344,
102.657

■ 74, 55.827,
103.437

■ 74, 47.326,
104.311

■ 75, 38.202,
105.248

■ 75, 28.703,
106.220

■ 76, 18.990,
107.207

■ 76, 9.165, 108.188

Harmonies

Complementary

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



73, 75.757, 101.169



23, 105.340, 305.917

Rectangle

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



73, 75.757, 101.169



73, 75.757, 151.169



73, 75.757, 281.169



73, 75.757, 331.169

Sweetspot

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



73, 75.756, 101.171



94, 36.221, 106.104



39, 81.699, 38.518



50, 24.629, 105.692



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 75.756, 101.171



92, 92.093, 101.121



69, 85.985, 126.856



40, 5.578, 108.183



62, 66.488, 101.172



11, 16.331, 106.232

Inverse Universe

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



23, 105.340, 305.917



31, 128.678, 306.062



29, 100.082, 311.176



36, 5.694, 290.078



18, 92.305, 305.900



1, 17.100, 289.898

Previews

White Background



This preview shows how the CIELCh color 73, 75.757, 101.169 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 73, 75.757, 101.169 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 73, 75.757, 101.169

Background



This preview shows how black text looks on a background with the CIELCh color 73, 75.757, 101.169.



This preview shows how white text looks on a background with the CIELCh color 73, 75.757, 101.169.

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

73, 75.757, 101.169

Protanopia

73, 75.320, 95.270

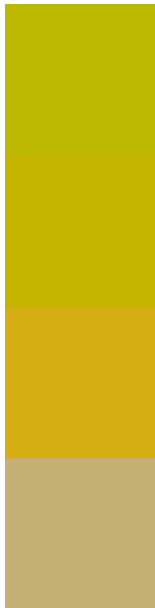
Deuteranopia

73, 72.596, 82.691



Tritanopia
73, 13.323, 348.734

Trichromacy



Original Color
73, 75.757, 101.169

Protanomaly
73, 75.282, 97.356

Deuteranomaly
73, 73.093, 89.411

Tritanomaly
72, 32.467, 91.159

Monochromacy



Original Color
73, 75.757, 101.169

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 35.942, 105.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 75.757, 101.169 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(189, 184, 1)` looks like.

```
.text, #text, p{  
    color:rgb(189, 184, 1)  
}
```

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(189, 184, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 184, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 75.757, 101.169 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(189, 184, 1) }
```

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

```
.border{ border-color:rgb(189, 184, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 184, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 184, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 184, 1);  
box-shadow:4px 4px 4px 4px rgb(189, 184,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 75.757, 101.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 184, 1) }
```

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

```
.background{ background-color: rgb(189,  
184, 1) }
```

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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