

Converting Colors

CIELCh(73, 75.427, 101.194)

Have a look what the booklet for
CIELCh(73, 75.427, 101.194)
contains.

CIELCh(73, 75.427, 101.192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 75.427, 101.192)

Conversions

Conversions Part 1

Format	Color
Hex	BDB804
RGB	189, 184, 4
RGB Percent	74%, 72%, 2%
CMY	0.2584, 0.2780, 0.9831
CMYK	0.00, 0.03, 0.98, 0.26
HSL	58°, 96%, 38%
HSV	58°, 98%, 74%
XYZ	38.1978, 45.1644, 6.8272
YIQ	164.9750, 60.7600, -54.9200

Conversions

Conversions Part 2

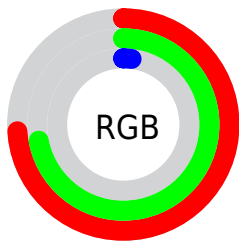
Format	Color
RYB	9, 189, 4
Decimal	12433412
CIELab	73.00, -14.64, 73.99
CIELCh	73, 75.427, 101.192
Yxy	45.1644, 0.4235, 0.5008
Android (android.graphics.Color)	4290623492 (0xFFBDB804)
YUV	164.9750, -79.3607, 21.0699
Hunter-Lab	67.2044, -16.1515, 41.0199

Details

The CIELCh color **73, 75.427, 101.192** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **23, 104.573, 305.783**, 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, 75.866, 101.121**, and if you desaturate by 10%, it is **73, 73.011, 101.556**.

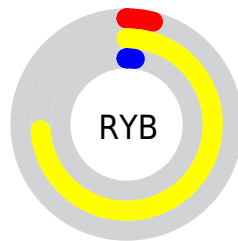
Distribution



Red (74%)

Green (72%)

Blue (2%)



Red (4%)

Yellow (74%)

Blue (2%)

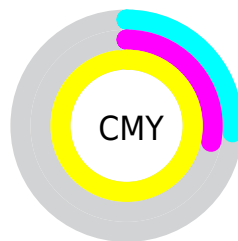


Cyan (0%)

Magenta (3%)

Yellow (98%)

Black (26%)



Cyan (26%)


Magenta (28%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 75.427, 101.192 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, 75.427, 101.192 by changing the saturation by 10% instead.


 73, 75.427,
101.192


 73, 75.427,
101.192


 100, 75.427,
101.192


 63, 75.427,
101.192


 93, 75.427,
101.192

 53, 75.427,
101.192

 43, 75.427,
101.192

 33, 75.427,
101.192

 23, 75.427,
101.192

 13, 75.427,
101.192

 3, 75.427, 101.192

■ 0, 75.427, 101.192

■ 73, 75.427,
101.192

■ 73, 75.427,
101.192

■ 73, 75.866,
101.121

■ 73, 73.011,
101.556

■ 73, 68.547,
102.076

■ 74, 62.224,
102.750

■ 74, 54.526,
103.548

■ 74, 45.909,
104.435

■ 75, 36.716,
105.380

■ 75, 27.178,
106.356

■ 76, 17.446,
107.343

■ 76, 7.615, 108.322

Harmonies

Complementary

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



73, 75.427, 101.192



23, 104.573, 305.783

Rectangle

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



73, 75.427, 101.192



73, 75.427, 151.192



73, 75.427, 281.192



73, 75.427, 331.192

Sweetspot

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



73, 75.426, 101.194



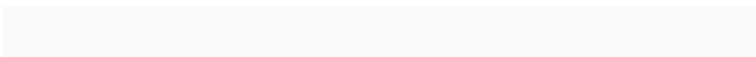
95, 35.022, 106.185



39, 80.901, 38.136



50, 23.953, 105.767



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, 75.426, 101.194



92, 92.064, 101.092



69, 85.471, 126.698



40, 5.575, 108.165



62, 66.468, 101.145



11, 16.322, 106.209

Inverse Universe

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



23, 104.573, 305.783



31, 128.661, 306.058



29, 99.368, 311.245



36, 5.692, 290.061



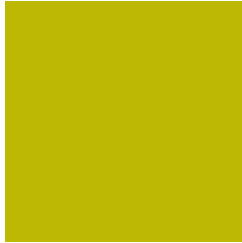
18, 92.284, 305.894



1, 17.094, 289.886

Previews

White Background



This preview shows how the CIELCh color 73, 75.427, 101.192 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, 75.427, 101.192 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, 75.427, 101.192

Background



This preview shows how black text looks on a background with the CIELCh color 73, 75.427, 101.192.



This preview shows how white text looks on a background with the CIELCh color 73, 75.427, 101.192.

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, 75.427, 101.192

Protanopia

73, 75.320, 95.270

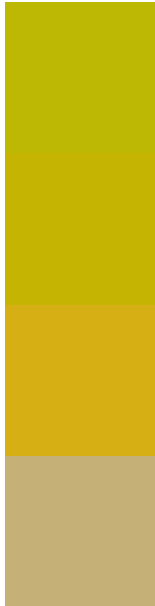
Deuteranopia

73, 72.596, 82.691



Tritanopia
73, 13.323, 348.734

Trichromacy



Original Color
73, 75.427, 101.192

Protanomaly
73, 75.057, 97.361

Deuteranomaly
73, 72.928, 89.398

Tritanomaly
72, 31.959, 90.976

Monochromacy



Original Color
73, 75.427, 101.192

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 34.911, 105.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 75.427, 101.192 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(189, 184, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 73, 75.427, 101.192 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, 4) }
```

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

```
.border{ border-color:rgb(189, 184, 4) }
```

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, 4)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 73, 75.427, 101.192 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, 4) }
```

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

```
.background{ background-color: rgb(189,  
184, 4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor