

Converting Colors

CIELCh(73, 76.000, 99.129)

Have a look what the booklet for
CIELCh(73, 76.000, 99.129) contains.

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Color

CIELCh(73, 75.695, 99.110)

Conversions

Conversions Part 1

Format	Color
Hex	C2B700
RGB	194, 183, 0
RGB Percent	76%, 72%, 0%
CMY	0.2405, 0.2835, 1.0000
CMYK	0.00, 0.06, 1.00, 0.24
HSL	57°, 100%, 38%
HSV	57°, 100%, 76%
XYZ	39.0284, 45.1644, 6.6363
YIQ	165.4270, 65.2990, -54.5810

Conversions

Conversions Part 2

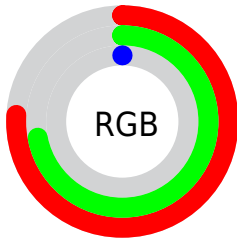
Format	Color
R _Y B	12, 194, 0
Decimal	12760832
CIE Lab	73.00, -11.98, 74.74
CIE LCh	73, 75.695, 99.110
Yxy	45.1644, 0.4297, 0.4972
Android (android.graphics.Color)	4290950912 (0xFFC2B700)
YUV	165.4270, -81.5555, 25.0585
Hunter-Lab	67.2044, -13.9453, 41.1883

Details

The CIELCh color **73, 75.695, 99.110** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **24, 106.289, 305.645**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 75.892, 99.347**, and **53, 58.853, 100.061** is the 20% darker color. If you saturate the color by 10%, you get **73, 75.602, 99.116**, and if you desaturate by 10%, it is **73, 73.538, 99.624**.

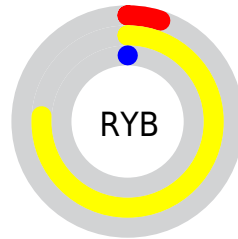
Distribution



Red (76%)

Green (72%)

Blue (0%)



Red (5%)

Yellow (76%)

Blue (0%)

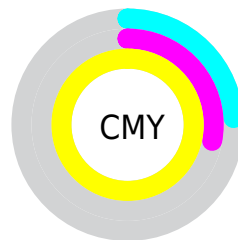


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 75.695, 99.110 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, 75.695, 99.110 by changing the saturation by 10% instead.

 73, 75.695, 99.110

 73, 75.695, 99.110

 100, 75.695,
99.110

 63, 75.695, 99.110

 93, 75.695, 99.110

 53, 75.695, 99.110

 43, 75.695, 99.110

 33, 75.695, 99.110

 23, 75.695, 99.110

 13, 75.695, 99.110

 3, 75.695, 99.110

 0, 75.695, 99.110

 73, 75.695, 99.110

 73, 75.695, 99.110

■ 73, 75.602, 99.116

■ 73, 73.538, 99.624

■ 74, 69.545,
100.243

■ 74, 63.560,
100.991

■ 75, 56.089,
101.845

■ 75, 47.628,
102.778

■ 76, 38.552,
103.763

■ 76, 29.116,
104.775

■ 77, 19.483,
105.796

■ 78, 9.753, 106.807

Harmonies

Complementary

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



73, 75.695, 99.110



24, 106.289, 305.645

Rectangle

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



73, 75.695, 99.110



73, 75.695, 149.110



73, 75.695, 279.110



73, 75.695, 329.110

Sweetspot

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



73, 75.602, 99.116



96, 36.100, 104.726



40, 82.266, 37.507



52, 24.766, 104.289



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 75.602, 99.116



93, 92.225, 99.053



71, 86.810, 125.719



41, 5.532, 106.870



62, 65.860, 99.170



11, 17.374, 103.585

Inverse Universe

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



24, 106.289, 305.645



33, 130.515, 305.810



29, 102.940, 310.453



38, 5.641, 288.818



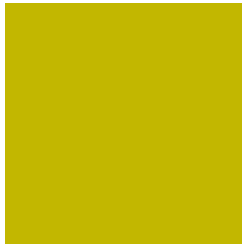
19, 92.006, 305.483



1, 18.692, 289.604

Previews

White Background



This preview shows how the CIELCh color 73, 75.695, 99.110 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, 75.695, 99.110 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, 75.695, 99.110

Background



This preview shows how black text looks on a background with the CIELCh color 73, 75.695, 99.110.

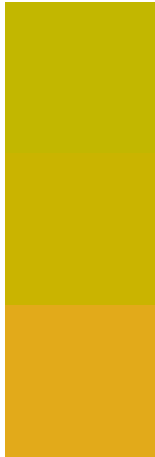


This preview shows how white text looks on a background with the CIELCh color 73, 75.695, 99.110.

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, 75.695, 99.110

Protanopia

73, 75.320, 95.270

Deuteranopia

73, 72.809, 82.728



Tritanopia
73, 14.990, 352.827

Trichromacy



Original Color
73, 75.695, 99.110

Protanomaly
73, 75.383, 96.672

Deuteranomaly
73, 73.374, 89.082

Tritanomaly
72, 33.702, 87.815

Monochromacy



Original Color
73, 75.695, 99.110

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 35.491, 103.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 75.695, 99.110 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(194, 183, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 0)  
}
```

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(194, 183, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 75.695, 99.110 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(194, 183, 0) }
```

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

```
.border{ border-color:rgb(194, 183, 0) }
```

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

Here you see how a box with a 4 pixel rgb(194, 183, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 75.695, 99.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 0) }
```

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

```
.background{ background-color: rgb(194,  
183, 0) }
```

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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