

Converting Colors

CIELCh(74, 75.972, 95.421)

Have a look what the booklet for
CIELCh(74, 75.972, 95.421) contains.

CIELCh(74, 76.008, 95.384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 76.008, 95.384)

Conversions

Conversions Part 1

Format	Color
Hex	CDB701
RGB	205, 183, 1
RGB Percent	80%, 72%, 0%
CMY	0.1972, 0.2833, 0.9949
CMYK	0.00, 0.11, 0.99, 0.20
HSL	54°, 99%, 40%
HSV	54°, 99%, 80%
XYZ	41.9872, 46.7039, 6.8386
YIQ	168.8300, 71.5340, -51.9380

Conversions

Conversions Part 2

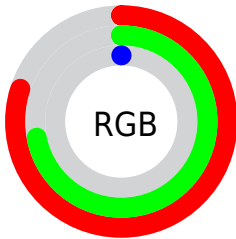
Format	Color
R _Y B	26, 205, 1
Decimal	13481729
CIE Lab	74.00, -7.13, 75.67
CIE LCh	74, 76.008, 95.384
Yxy	46.7039, 0.4395, 0.4889
Android (android.graphics.Color)	4291671809 (0xFFCDB701)
YUV	168.8300, -82.7402, 31.7211
Hunter-Lab	68.3403, -9.9280, 41.9052

Details

The CIELCh color **74, 76.008, 95.384** 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 **27, 107.547, 304.836**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 75.571, 99.035**, and **54, 59.576, 95.931** is the 20% darker color. If you saturate the color by 10%, you get **74, 76.117, 95.334**, and if you desaturate by 10%, it is **75, 73.952, 96.225**.

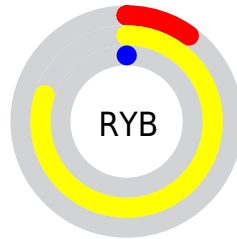
Distribution



Red (80%)

Green (72%)

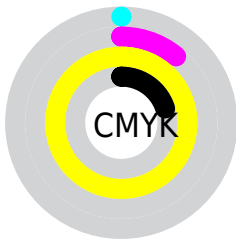
Blue (0%)



Red (10%)

Yellow (80%)

Blue (0%)

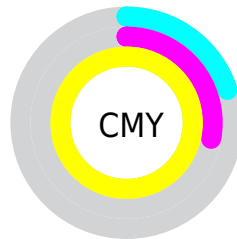


Cyan (0%)

Magenta (11%)

Yellow (99%)

Black (20%)



Cyan (20%)

Magenta (28%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 76.008, 95.384 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 74, 76.008, 95.384 by changing the saturation by 10% instead.

 74, 76.008, 95.384

 74, 76.008, 95.384

 100, 76.008,
95.384

 64, 76.008, 95.384

 94, 76.008, 95.384

 54, 76.008, 95.384

 44, 76.008, 95.384

 34, 76.008, 95.384

 24, 76.008, 95.384

 14, 76.008, 95.384

 4, 76.008, 95.384

 0, 76.008, 95.384

 74, 76.008, 95.384

 74, 76.008, 95.384

■ 74, 76.117, 95.334

■ 75, 73.952, 96.225

■ 75, 69.725, 97.109

■ 76, 63.454, 98.055

■ 77, 55.728, 99.062

■ 78, 47.078,
100.113

■ 78, 37.884,
101.191

■ 79, 28.393,
102.279

■ 80, 18.756,
103.362

■ 81, 9.065, 104.425

Harmonies

Complementary

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



74, 76.008, 95.384



27, 107.547, 304.836

Rectangle

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



74, 76.008, 95.384



74, 76.008, 145.384



74, 76.008, 275.384



74, 76.008, 325.384

Sweetspot

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



74, 76.007, 95.386



96, 34.656, 102.168



43, 83.127, 35.046



51, 23.604, 101.703



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 76.007, 95.386



90, 89.741, 95.228



75, 88.841, 123.699



43, 5.475, 104.422



61, 65.127, 95.457



13, 19.424, 99.011

Inverse Universe

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



27, 107.547, 304.836



34, 128.319, 305.123



30, 108.137, 309.521



40, 5.569, 286.469



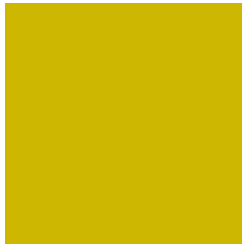
21, 91.466, 304.668



2, 21.764, 289.684

Previews

White Background



This preview shows how the CIELCh color 74, 76.008, 95.384 looks on a white background.

Color Contrast Check

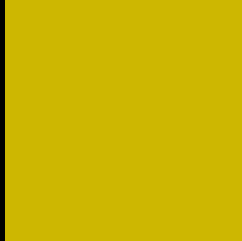
Large Text (above 18pt) WCAG AA × Fail

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 74, 76.008, 95.384 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 74, 76.008, 95.384

Background



This preview shows how black text looks on a background with the CIELCh color 74, 76.008, 95.384.

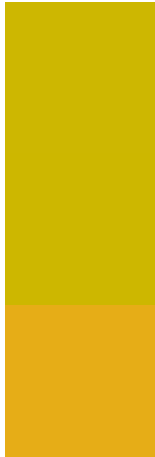


This preview shows how white text looks on a background with the CIELCh color 74, 76.008, 95.384.

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


74, 76.118, 95.384

Protanopia

74, 76.228, 95.384

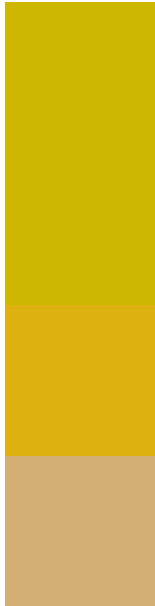
Deuteranopia

74, 74.498, 82.822



Tritanopia
74, 18.476, 358.878

Trichromacy



Original Color
74, 76.118, 95.384

Protanomaly
74, 76.228, 95.384

Deuteranomaly
74, 74.939, 87.581

Tritanomaly
73, 35.002, 81.009

Monochromacy



Original Color
74, 76.118, 95.384

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 35.532, 101.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 76.008, 95.384 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(205, 183, 1)` looks like.

```
.text, #text, p{  
    color:rgb(205, 183, 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(205, 183, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 183, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 76.008, 95.384 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(205, 183, 1) }
```

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

```
.border{ border-color:rgb(205, 183, 1) }
```

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

Here you see how a box with a 4 pixel rgb(205, 183, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 183, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 183, 1);  
box-shadow:4px 4px 4px 4px rgb(205, 183,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 76.008, 95.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 183, 1) }
```

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

```
.background{ background-color: rgb(205,  
183, 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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