

Converting Colors

CIELCh(73, 75.115, 94.982)

Have a look what the booklet for
CIELCh(73, 75.115, 94.982) contains.

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Color

CIELCh(73, 75.164, 94.927)

Conversions

Conversions Part 1

Format	Color
Hex	CBB401
RGB	203, 180, 1
RGB Percent	80%, 71%, 0%
CMY	0.2053, 0.2953, 0.9955
CMYK	0.00, 0.11, 0.99, 0.21
HSL	53°, 99%, 40%
HSV	53°, 99%, 79%
XYZ	40.7965, 45.1644, 6.5995
YIQ	166.4710, 71.1670, -50.7930

Conversions

Conversions Part 2

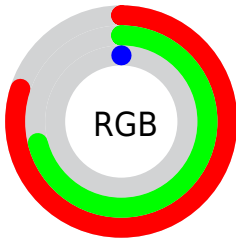
Format	Color
RYB	27, 203, 1
Decimal	13349889
CIELab	73.00, -6.46, 74.89
CIELCh	73, 75.164, 94.927
Yxy	45.1644, 0.4408, 0.4879
Android (android.graphics.Color)	4291539969 (0xFFCBB401)
YUV	166.4710, -81.5772, 32.0359
Hunter-Lab	67.2044, -9.2492, 41.2209

Details

The CIELCh color **73, 75.164, 94.927** 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, 106.310, 304.720**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 74.643, 97.658**, and **53, 58.676, 95.318** is the 20% darker color. If you saturate the color by 10%, you get **73, 75.261, 94.881**, and if you desaturate by 10%, it is **74, 73.115, 95.808**.

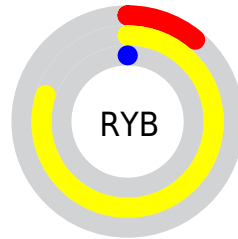
Distribution



Red (80%)

Green (71%)

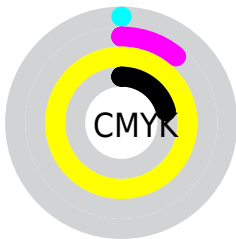
Blue (0%)



Red (11%)

Yellow (80%)

Blue (0%)

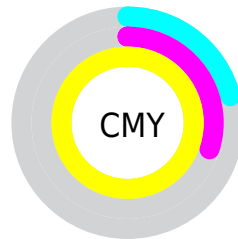


Cyan (0%)

Magenta (11%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (30%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 75.164, 94.927 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, 75.164, 94.927 by changing the saturation by 10% instead.

 73, 75.164, 94.927

 73, 75.164, 94.927

 100, 75.164,
94.927

 63, 75.164, 94.927

 93, 75.164, 94.927

 53, 75.164, 94.927

 43, 75.164, 94.927

 33, 75.164, 94.927

 23, 75.164, 94.927

 13, 75.164, 94.927

 3, 75.164, 94.927

 0, 75.164, 94.927

 73, 75.164, 94.927

 73, 75.164, 94.927

73, 75.261, 94.881

74, 73.115, 95.808

74, 68.927, 96.722

75, 62.715, 97.691

76, 55.070, 98.713

77, 46.520, 99.776

78, 37.439,
100.864

78, 28.070,
101.960

79, 18.563,
103.049

81, 9.007, 104.117

Harmonies

Complementary

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



73, 75.164, 94.927



27, 106.310, 304.720

Rectangle

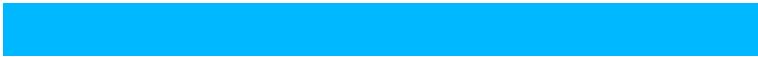
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 75.164, 94.927



73, 75.164, 144.927



73, 75.164, 274.927



73, 75.164, 324.927

Sweetspot

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



73, 75.163, 94.929



96, 34.459, 101.854



42, 82.510, 35.044



51, 23.472, 101.386



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, 75.163, 94.929



90, 89.401, 94.762



74, 88.182, 123.697



43, 5.441, 104.121



61, 64.886, 95.006



13, 19.294, 98.605

Inverse Universe

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



27, 106.310, 304.720



34, 127.850, 305.020



29, 107.343, 309.526



40, 5.533, 286.179



21, 91.080, 304.547



2, 21.668, 289.519

Previews

White Background



This preview shows how the CIELCh color 73, 75.164, 94.927 looks on a white background.

Color Contrast Check

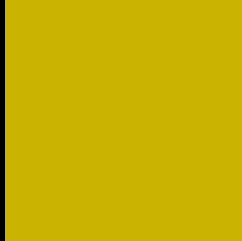
Large Text (above 18pt) WCAG AA × Fail

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, 75.164, 94.927 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, 75.164, 94.927

Background



This preview shows how black text looks on a background with the CIELCh color 73, 75.164, 94.927.



This preview shows how white text looks on a background with the CIELCh color 73, 75.164, 94.927.

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, 75.276, 94.928

Protanopia

73, 75.095, 95.269

Deuteranopia

73, 73.783, 82.540



Tritanopia
73, 18.893, 359.404

Trichromacy



Original Color
73, 75.276, 94.928

Protanomaly
73, 75.095, 95.269

Deuteranomaly
73, 74.166, 87.358

Tritanomaly
72, 34.848, 80.000

Monochromacy



Original Color
73, 75.276, 94.928

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 35.111, 100.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 75.164, 94.927 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(203, 180, 1)` looks like.

```
.text, #text, p{  
    color:rgb(203, 180, 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(203, 180, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 180, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 75.164, 94.927 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(203, 180, 1) }
```

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

```
.border{ border-color:rgb(203, 180, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 180, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 180, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 180, 1);  
box-shadow:4px 4px 4px 4px rgb(203, 180,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 75.164, 94.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 180, 1) }
```

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

```
.background{ background-color: rgb(203,  
180, 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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