

Converting Colors

CIELCh(71, 73.353, 93.367)

Have a look what the booklet for
CIELCh(71, 73.353, 93.367) contains.

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Color

CIELCh(71, 73.345, 93.224)

Conversions

Conversions Part 1

Format	Color
Hex	C8AD02
RGB	200, 173, 2
RGB Percent	78%, 68%, 1%
CMY	0.2156, 0.3214, 0.9918
CMYK	0.00, 0.13, 0.99, 0.22
HSL	52°, 98%, 40%
HSV	52°, 99%, 78%
XYZ	38.7893, 42.1875, 6.1583
YIQ	161.5790, 70.9830, -47.4570

Conversions

Conversions Part 2

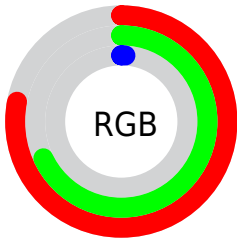
Format	Color
RYB	33, 200, 2
Decimal	13151490
CIELab	71.00, -4.12, 73.23
CIELCh	71, 73.345, 93.224
Yxy	42.1875, 0.4452, 0.4842
Android (android.graphics.Color)	4291341570 (0xFFC8AD02)
YUV	161.5790, -78.6724, 33.6952
Hunter-Lab	64.9519, -7.0657, 39.8448

Details

The CIELCh color **71, 73.345, 93.224** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **27, 103.098, 304.140**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 72.861, 95.133**, and **51, 56.746, 92.985** is the 20% darker color. If you saturate the color by 10%, you get **71, 73.530, 93.119**, and if you desaturate by 10%, it is **72, 71.222, 94.260**.

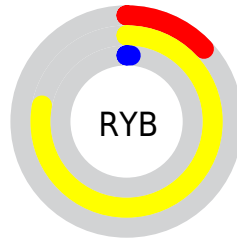
Distribution



Red (78%)

Green (68%)

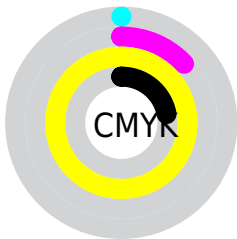
Blue (1%)



Red (13%)

Yellow (78%)

Blue (1%)

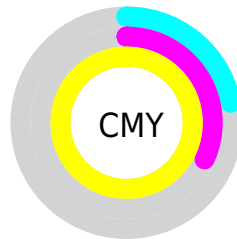


Cyan (0%)

Magenta (13%)

Yellow (99%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 73.345, 93.224 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 71, 73.345, 93.224 by changing the saturation by 10% instead.

 71, 73.345, 93.224

 71, 73.345, 93.224

 100, 73.345,
93.224

 61, 73.345, 93.224

 91, 73.345, 93.224

 51, 73.345, 93.224

 41, 73.345, 93.224

 31, 73.345, 93.224

 21, 73.345, 93.224

 11, 73.345, 93.224

 1, 73.345, 93.224

 0, 73.345, 93.224

 71, 73.345, 93.224

 71, 73.345, 93.224

71, 73.530, 93.119

72, 71.222, 94.260

73, 66.938, 95.292

73, 60.705, 96.348

74, 53.129, 97.436

75, 44.725, 98.548

76, 35.851, 99.674

77, 26.733,
100.800

78, 17.507,
101.914

80, 8.255, 103.002

Harmonies

Complementary

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



71, 73.345, 93.224



27, 103.098, 304.140

Rectangle

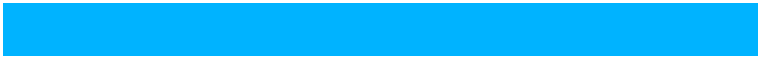
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 73.345, 93.224



71, 73.345, 143.224



71, 73.345, 273.224



71, 73.345, 323.224

Sweetspot

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



71, 73.344, 93.226



96, 33.726, 100.634



42, 79.642, 32.784



51, 22.983, 100.153



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 73.344, 93.226



88, 88.182, 92.962



74, 86.230, 122.185



41, 5.206, 102.956



59, 63.295, 93.278



12, 17.283, 97.553

Inverse Universe

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



27, 103.098, 304.140



35, 125.902, 304.584



28, 106.729, 309.000



39, 5.287, 285.047



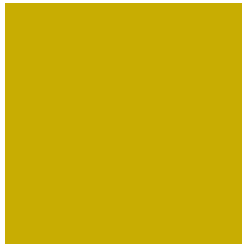
21, 88.414, 304.021



2, 19.462, 288.014

Previews

White Background



This preview shows how the CIELCh color 71, 73.345, 93.224 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 71, 73.345, 93.224 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 71, 73.345, 93.224

Background



This preview shows how black text looks on a background with the CIELCh color 71, 73.345, 93.224.



This preview shows how white text looks on a background with the CIELCh color 71, 73.345, 93.224.

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


71, 73.345, 93.224

Protanopia

71, 72.910, 95.027

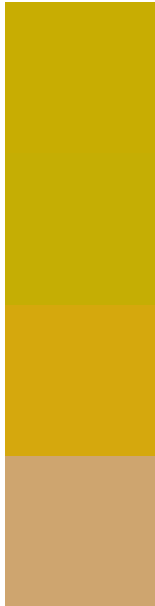
Deuteranopia

71, 72.279, 82.722



Tritanopia
71, 19.966, 2.342

Trichromacy



Original Color
71, 73.345, 93.224

Protanomaly
71, 73.098, 94.674

Deuteranomaly
71, 72.629, 86.535

Tritanomaly
70, 34.617, 76.339

Monochromacy



Original Color
71, 73.345, 93.224

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 33.822, 99.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 73.345, 93.224 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(200, 173, 2)` looks like.

```
.text, #text, p{  
    color:rgb(200, 173, 2)  
}
```

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(200, 173, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 173, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 73.345, 93.224 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(200, 173, 2) }
```

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

```
.border{ border-color:rgb(200, 173, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 173, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 173, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 173, 2);  
box-shadow:4px 4px 4px 4px rgb(200, 173,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 73.345, 93.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 173, 2) }
```

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

```
.background{ background-color: rgb(200,  
173, 2) }
```

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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