

Converting Colors

CIELCh(73, 71.440, 94.089)

Have a look what the booklet for
CIELCh(73, 71.440, 94.089) contains.

CIELCh(73, 71.348, 94.126)	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(73, 71.348, 94.126)

Conversions

Conversions Part 1

Format	Color
Hex	CCB31B
RGB	204, 179, 27
RGB Percent	80%, 70%, 11%
CMY	0.1999, 0.2980, 0.8940
CMYK	0.00, 0.12, 0.87, 0.20
HSL	52°, 77%, 45%
HSV	52°, 87%, 80%
XYZ	41.2270, 45.1644, 7.5829
YIQ	169.1470, 63.6920, -41.9720

Conversions

Conversions Part 2

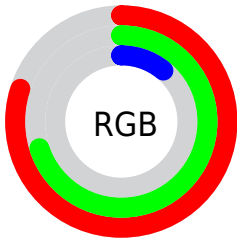
Format	Color
RYB	56, 204, 27
Decimal	13415195
CIELab	73.00, -5.13, 71.16
CIELCh	73, 71.348, 94.126
Yxy	45.1644, 0.4387, 0.4806
Android (android.graphics.Color)	4291605275 (0xFFCCB31B)
YUV	169.1470, -70.0785, 30.5661
Hunter-Lab	67.2044, -8.1058, 40.3532

Details

The CIELCh color **73, 71.348, 94.126** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **32, 92.864, 301.308**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 70.498, 97.270**, and **53, 58.505, 94.329** is the 20% darker color. If you saturate the color by 10%, you get **72, 73.847, 93.061**, and if you desaturate by 10%, it is **74, 66.526, 95.189**.

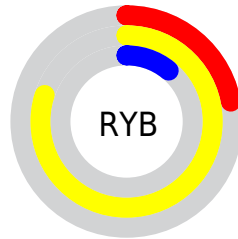
Distribution



Red (80%)

Green (70%)

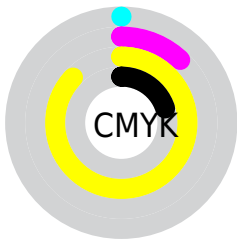
Blue (11%)



Red (22%)

Yellow (80%)

Blue (11%)

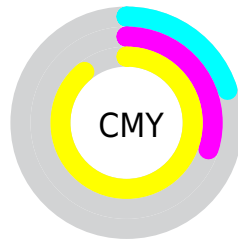


Cyan (0%)

Magenta (12%)

Yellow (87%)

Black (20%)



Cyan (20%)

Magenta (30%)

Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 71.348, 94.126 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, 71.348, 94.126 by changing the saturation by 10% instead.

 73, 71.348, 94.126

 73, 71.348, 94.126

 100, 71.348,
94.126

 63, 71.348, 94.126

 93, 71.348, 94.126

 53, 71.348, 94.126

 43, 71.348, 94.126

 33, 71.348, 94.126

 23, 71.348, 94.126

 13, 71.348, 94.126

 3, 71.348, 94.126

 0, 71.348, 94.126

 73, 71.348, 94.126

 73, 71.348, 94.126

72, 73.847, 93.061

74, 66.526, 95.189

72, 74.405, 92.714

75, 59.856, 96.270

76, 51.953, 97.378

77, 43.308, 98.506

78, 34.251, 99.642

79, 24.989,
100.775

80, 15.644,
101.892

81, 6.289, 102.975

82, 3.033, 284.101

Harmonies

Complementary

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



73, 71.348, 94.126



32, 92.864, 301.308

Rectangle

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



73, 71.348, 94.126



73, 71.348, 144.126



73, 71.348, 274.126



73, 71.348, 324.126

Sweetspot

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



73, 71.347, 94.128



96, 29.109, 100.821



44, 73.381, 26.865



51, 19.724, 100.425



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, 71.347, 94.128



88, 87.932, 92.565



75, 83.294, 121.063



42, 5.289, 102.694



59, 63.837, 92.881



13, 18.708, 96.659

Inverse Universe

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



32, 92.864, 301.308



35, 125.447, 304.480



32, 101.200, 309.216



40, 5.370, 284.800



21, 89.146, 303.929



2, 21.230, 288.742

Previews

White Background



This preview shows how the CIELCh color 73, 71.348, 94.126 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, 71.348, 94.126 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, 71.348, 94.126

Background



This preview shows how black text looks on a background with the CIELCh color 73, 71.348, 94.126.



This preview shows how white text looks on a background with the CIELCh color 73, 71.348, 94.126.

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, 71.348, 94.126

Protanopia

73, 71.450, 95.245

Deuteranopia

73, 70.933, 82.392



Tritanopia
73, 19.101, 1.411

Trichromacy



Original Color
73, 71.348, 94.126

Protanomaly
73, 71.523, 94.887

Deuteranomaly
73, 70.787, 86.559

Tritanomaly
72, 30.609, 74.943

Monochromacy



Original Color
73, 71.348, 94.126

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 30.426, 99.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 71.348, 94.126 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(204, 179, 27)` looks like.

```
.text, #text, p{  
    color:rgb(204, 179, 27)  
}
```

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(204, 179, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 179, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 71.348, 94.126 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(204, 179, 27) }
```

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

```
.border{ border-color:rgb(204, 179, 27) }
```

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

Here you see how a box with a 4 pixel rgb(204, 179, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 179, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 179, 27);  
box-shadow:4px 4px 4px 4px rgb(204, 179,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 71.348, 94.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 179, 27) }
```

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

```
.background{ background-color: rgb(204,  
179, 27) }
```

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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