

Converting Colors

CIELCh(72, 73.539, 100.962)

Have a look what the booklet for
CIELCh(72, 73.539, 100.962)
contains.

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Color

CIELCh(72, 73.485, 100.889)

Conversions

Conversions Part 1

Format	Color
Hex	BBB50D
RGB	187, 181, 13
RGB Percent	73%, 71%, 5%
CMY	0.2665, 0.2901, 0.9487
CMYK	0.00, 0.03, 0.93, 0.27
HSL	58°, 87%, 39%
HSV	58°, 93%, 73%
XYZ	37.1053, 43.6590, 6.8547
YIQ	163.6420, 57.5040, -50.9760

Conversions

Conversions Part 2

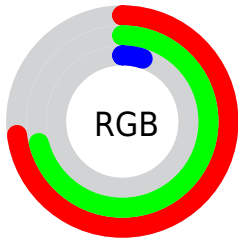
Format	Color
RYB	19, 187, 13
Decimal	12301581
CIELab	72.00, -13.88, 72.16
CIELCh	72, 73.485, 100.889
Yxy	43.6590, 0.4235, 0.4983
Android (android.graphics.Color)	4290491661 (0xFFBBB50D)
YUV	163.6420, -74.2665, 20.4850
Hunter-Lab	66.0750, -15.3922, 40.1016

Details

The CIELCh color **72, 73.485, 100.889** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **24, 100.678, 305.169**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 73.480, 100.982**, and **52, 58.461, 102.852** is the 20% darker color. If you saturate the color by 10%, you get **72, 74.843, 100.633**, and if you desaturate by 10%, it is **72, 70.172, 101.360**.

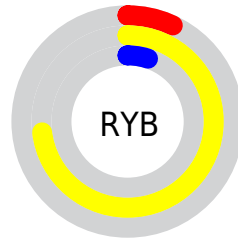
Distribution



Red (73%)

Green (71%)

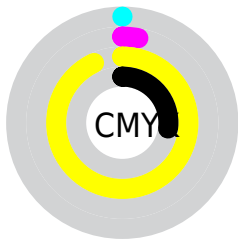
Blue (5%)



Red (7%)

Yellow (73%)

Blue (5%)

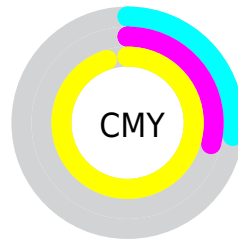


Cyan (0%)

Magenta (3%)

Yellow (93%)

Black (27%)



Cyan (27%)


Magenta (29%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 73.485, 100.889 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 72, 73.485, 100.889 by changing the saturation by 10% instead.

 72, 73.485,
100.889

 72, 73.485,
100.889


 100, 73.485,
100.889

 62, 73.485,
100.889


 92, 73.485,
100.889

 52, 73.485,
100.889

 42, 73.485,
100.889

 32, 73.485,
100.889

 22, 73.485,
100.889

 12, 73.485,
100.889

 2, 73.485, 100.889

■ 0, 73.485, 100.889

■ 72, 73.485,
100.889

■ 72, 73.485,
100.889

■ 72, 74.843,
100.633

■ 72, 70.172,
101.360

■ 72, 64.824,
101.985

■ 73, 57.864,
102.744

■ 73, 49.781,
103.605

■ 74, 40.977,
104.535

■ 74, 31.732,
105.507

■ 75, 22.234,
106.499

■ 75, 12.599,
107.491

■ 76, 2.904, 108.455

Harmonies

Complementary

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



72, 73.485, 100.889



24, 100.678, 305.169

Rectangle

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



72, 73.485, 100.889



72, 73.485, 150.889



72, 73.485, 280.889



72, 73.485, 330.889

Sweetspot

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



72, 73.484, 100.891



94, 33.314, 105.957



39, 76.860, 35.854



50, 23.125, 105.528



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 73.484, 100.891



91, 90.842, 100.596



69, 82.764, 125.580



40, 5.534, 107.849



62, 66.116, 100.662



10, 16.167, 105.796

Inverse Universe

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



24, 100.678, 305.169



31, 127.338, 305.992



30, 96.724, 311.122



37, 5.648, 289.756



18, 91.928, 305.787



1, 17.001, 289.675

Previews

White Background



This preview shows how the CIELCh color 72, 73.485, 100.889 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 72, 73.485, 100.889 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 72, 73.485, 100.889

Background



This preview shows how black text looks on a background with the CIELCh color 72, 73.485, 100.889.



This preview shows how white text looks on a background with the CIELCh color 72, 73.485, 100.889.

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


72, 73.485, 100.889

Protanopia

72, 73.157, 95.146

Deuteranopia

72, 71.216, 82.279



Tritanopia
72, 13.690, 349.646

Trichromacy



Original Color
72, 73.485, 100.889

Protanomaly
72, 73.044, 96.946

Deuteranomaly
72, 71.251, 89.115

Tritanomaly
71, 30.155, 89.319

Monochromacy



Original Color
72, 73.485, 100.889

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 32.895, 105.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 73.485, 100.889 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(187, 181, 13)` looks like.

```
.text, #text, p{  
    color:rgb(187, 181, 13)  
}
```

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(187, 181, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 181, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 73.485, 100.889 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(187, 181, 13) }
```

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

```
.border{ border-color:rgb(187, 181, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 181, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 181, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 181, 13);  
box-shadow:4px 4px 4px 4px rgb(187, 181,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 73.485, 100.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 181, 13) }
```

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

```
.background{ background-color: rgb(187,  
181, 13) }
```

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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