

Converting Colors

CIELCh(73, 70.284, 103.412)

Have a look what the booklet for
CIELCh(73, 70.284, 103.412)
contains.

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Color

CIELCh(73, 70.202, 103.393)

Conversions

Conversions Part 1

Format	Color
Hex	B9B924
RGB	185, 185, 36
RGB Percent	73%, 73%, 14%
CMY	0.2743, 0.2743, 0.8586
CMYK	0.00, 0.00, 0.81, 0.27
HSL	60°, 67%, 43%
HSV	60°, 81%, 73%
XYZ	37.6967, 45.1644, 8.4044
YIQ	168.0140, 47.8290, -46.3390

Conversions

Conversions Part 2

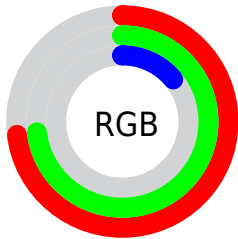
Format	Color
RYB	36, 185, 36
Decimal	12171556
CIELab	73.00, -16.26, 68.29
CIELCh	73, 70.202, 103.393
Yxy	45.1644, 0.4130, 0.4949
Android (android.graphics.Color)	4290361636 (0xFFB9B924)
YUV	168.0140, -65.0829, 14.8967
Hunter-Lab	67.2044, -17.4825, 39.6285

Details

The CIELCh color **73, 70.202, 103.393** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **27, 91.624, 303.849**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 70.194, 103.563**, and **53, 59.485, 104.676** is the 20% darker color. If you saturate the color by 10%, you get **73, 74.092, 103.040**, and if you desaturate by 10%, it is **73, 64.378, 103.936**.

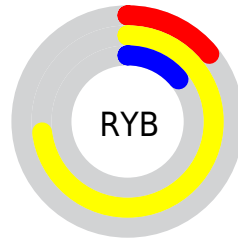
Distribution



Red (73%)

Green (73%)

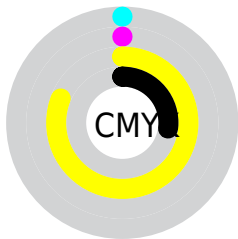
Blue (14%)



Red (14%)

Yellow (73%)

Blue (14%)

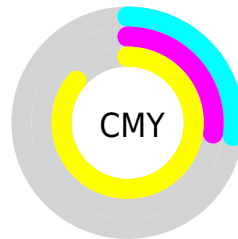


Cyan (0%)

Magenta (0%)

Yellow (81%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 70.202, 103.393 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, 70.202, 103.393 by changing the saturation by 10% instead.


 73, 70.202,
103.393


 73, 70.202,
103.393


 100, 70.202,
103.393


 63, 70.202,
103.393


 93, 70.202,
103.393

 53, 70.202,
103.393

 43, 70.202,
103.393

 33, 70.202,
103.393

 23, 70.202,
103.393

 13, 70.202,
103.393

 3, 70.202, 103.393

■ 0, 70.202, 103.393

■ 73, 70.202,
103.393

■ 73, 70.202,
103.393

■ 73, 74.092,
103.040

■ 73, 64.378,
103.936

■ 73, 76.164,
102.853

■ 73, 57.044,
104.631

■ 73, 48.657,
105.440

■ 74, 39.584,
106.325

■ 74, 30.088,
107.258

■ 74, 20.341,
108.214

■ 75, 10.454,
109.173

■ 75, 0.500, 110.009

■ 76, 9.473, 291.068

Harmonies

Complementary

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



73, 70.202, 103.393



27, 91.624, 303.849

Rectangle

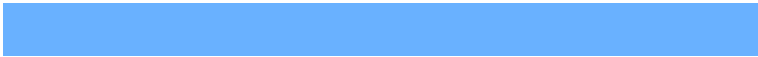
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 70.202, 103.393



73, 70.202, 153.393



73, 70.202, 283.393



73, 70.202, 333.393

Sweetspot

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



73, 70.202, 103.395



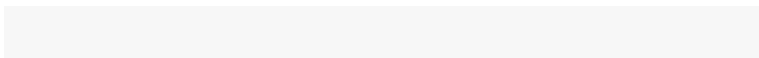
93, 29.316, 107.842



41, 69.255, 33.889



50, 20.087, 107.504



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 70.202, 103.395



92, 91.940, 102.892



68, 77.302, 126.491



39, 5.600, 109.285



62, 66.992, 102.853



10, 15.132, 108.838

Inverse Universe

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



27, 91.624, 303.849



31, 126.355, 306.092



34, 87.133, 312.569



35, 5.722, 291.135



17, 92.504, 306.287



1, 15.385, 290.297

Previews

White Background



This preview shows how the CIELCh color 73, 70.202, 103.393 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, 70.202, 103.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

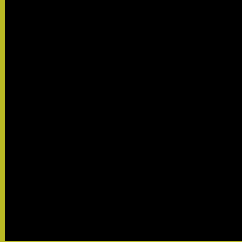
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 70.202, 103.393

Background



This preview shows how black text looks on a background with the CIELCh color 73, 70.202, 103.393.



This preview shows how white text looks on a background with the CIELCh color 73, 70.202, 103.393.

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, 70.202, 103.393

Protanopia

73, 69.530, 95.221

Deuteranopia

73, 67.885, 82.175



Tritanopia
73, 12.072, 341.531

Trichromacy



Original Color
73, 70.202, 103.393

Protanomaly
73, 69.742, 98.230

Deuteranomaly
73, 67.369, 90.020

Tritanomaly
73, 25.686, 92.759

Monochromacy



Original Color
73, 70.202, 103.393

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 29.099, 107.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 70.202, 103.393 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(185, 185, 36)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 36)  
}
```

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(185, 185, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 70.202, 103.393 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(185, 185, 36) }
```

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

```
.border{ border-color:rgb(185, 185, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 36);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 70.202, 103.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 36) }
```

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

```
.background{ background-color: rgb(185,  
185, 36) }
```

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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