

Converting Colors

CIELCh(73, 74.228, 103.047)

Have a look what the booklet for
CIELCh(73, 74.228, 103.047)
contains.

CIELCh(73, 74.161, 103.032)	3
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Color

CIELCh(73, 74.161, 103.032)

Conversions

Conversions Part 1

Format	Color
Hex	B9B911
RGB	185, 185, 17
RGB Percent	73%, 73%, 7%
CMY	0.2737, 0.2737, 0.9316
CMYK	0.00, 0.00, 0.91, 0.27
HSL	60°, 83%, 40%
HSV	60°, 91%, 73%
XYZ	37.5546, 45.1644, 7.2861
YIQ	165.8480, 53.9280, -52.2480

Conversions

Conversions Part 2

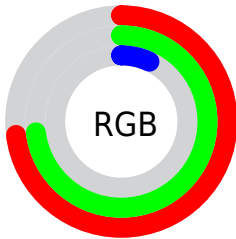
Format	Color
RYB	17, 185, 17
Decimal	12171537
CIELab	73.00, -16.72, 72.25
CIELCh	73, 74.161, 103.032
Yxy	45.1644, 0.4172, 0.5018
Android (android.graphics.Color)	4290361617 (0xFFB9B911)
YUV	165.8480, -73.3821, 16.7963
Hunter-Lab	67.2044, -17.8599, 40.6151

Details

The CIELCh color **73, 74.161, 103.032** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **24, 100.265, 305.401**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 74.124, 102.982**, and **53, 59.507, 105.130** is the 20% darker color. If you saturate the color by 10%, you get **73, 76.211, 102.849**, and if you desaturate by 10%, it is **73, 70.285, 103.388**.

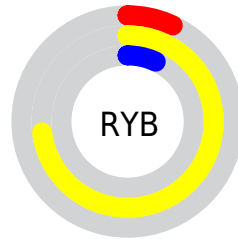
Distribution



Red (73%)

Green (73%)

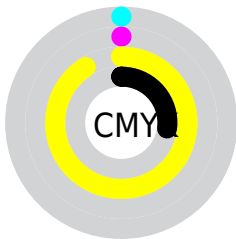
Blue (7%)



Red (7%)

Yellow (73%)

Blue (7%)

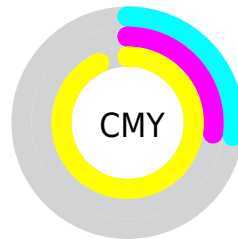


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 74.161, 103.032 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, 74.161, 103.032 by changing the saturation by 10% instead.


 73, 74.161,
103.032


 73, 74.161,
103.032


 100, 74.161,
103.032


 63, 74.161,
103.032


 93, 74.161,
103.032

 53, 74.161,
103.032

 43, 74.161,
103.032

 33, 74.161,
103.032

 23, 74.161,
103.032

 13, 74.161,
103.032

 3, 74.161, 103.032

■ 0, 74.161, 103.032

■ 73, 74.161,
103.032

■ 73, 74.161,
103.032

■ 73, 76.211,
102.849

■ 73, 70.285,
103.388

■ 73, 64.471,
103.928

■ 73, 57.142,
104.622

■ 73, 48.755,
105.430

■ 74, 39.681,
106.316

■ 74, 30.180,
107.248

■ 74, 20.428,
108.204

■ 75, 10.535,
109.163

■ 75, 0.575, 110.015

Harmonies

Complementary

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



73, 74.161, 103.032



24, 100.265, 305.401

Rectangle

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



73, 74.161, 103.032



73, 74.161, 153.032



73, 74.161, 283.032



73, 74.161, 333.032

Sweetspot

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



73, 74.161, 103.034



93, 32.922, 107.548



39, 76.206, 36.600



49, 22.120, 107.226



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, 74.161, 103.034



92, 92.472, 102.849



68, 82.092, 126.545



39, 5.599, 109.282



62, 66.990, 102.849



10, 15.131, 108.835

Inverse Universe

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



24, 100.265, 305.401



30, 127.690, 306.287



31, 94.187, 311.973



35, 5.722, 291.132



17, 92.502, 306.286



1, 15.385, 290.295

Previews

White Background



This preview shows how the CIELCh color 73, 74.161, 103.032 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, 74.161, 103.032 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, 74.161, 103.032

Background



This preview shows how black text looks on a background with the CIELCh color 73, 74.161, 103.032.



This preview shows how white text looks on a background with the CIELCh color 73, 74.161, 103.032.

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, 74.161, 103.032

Protanopia
73, 73.586, 95.263

Deuteranopia
73, 71.438, 82.485



Tritanopia
73, 12.072, 341.531

Trichromacy



Original Color
73, 74.161, 103.032

Protanomaly
73, 73.633, 98.124

Deuteranomaly
73, 71.350, 90.393

Tritanomaly
72, 28.787, 93.953

Monochromacy



Original Color
73, 74.161, 103.032

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 32.795, 106.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 74.161, 103.032 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, 17)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 17)  
}
```

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, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 74.161, 103.032 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, 17) }
```

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

```
.border{ border-color:rgb(185, 185, 17) }
```

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, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 17);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 74.161, 103.032 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, 17) }
```

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

```
.background{ background-color: rgb(185,  
185, 17) }
```

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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