

Converting Colors

CIELCh(72, 75.240, 109.693)

Have a look what the booklet for
CIELCh(72, 75.240, 109.693)
contains.

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Color

CIELCh(72, 75.269, 109.741)

Conversions

Conversions Part 1

Format	Color
Hex	A7BB11
RGB	167, 187, 17
RGB Percent	65%, 73%, 7%
CMY	0.3462, 0.2677, 0.9314
CMYK	0.11, 0.00, 0.91, 0.27
HSL	67°, 83%, 40%
HSV	67°, 91%, 73%
XYZ	33.6994, 43.6590, 7.2007
YIQ	161.6400, 42.6500, -57.1100

Conversions

Conversions Part 2

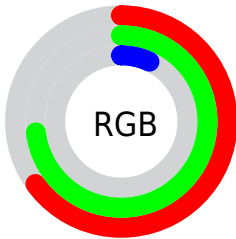
Format	Color
RYB	17, 187, 37
Decimal	10992401
CIELab	72.00, -25.42, 70.85
CIELCh	72, 75.269, 109.741
Yxy	43.6590, 0.3985, 0.5163
Android (android.graphics.Color)	4289182481 (0xFFA7BB11)
YUV	161.6400, -71.3075, 4.7007
Hunter-Lab	66.0750, -24.5932, 39.7912

Details

The CIELCh color **72, 75.269, 109.741** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **25, 100.055, 306.165**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 75.206, 109.613**, and **52, 61.313, 113.284** is the 20% darker color. If you saturate the color by 10%, you get **72, 77.435, 110.050**, and if you desaturate by 10%, it is **72, 71.260, 109.674**.

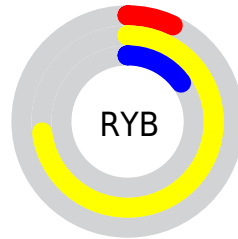
Distribution



Red (65%)

Green (73%)

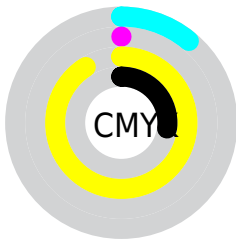
Blue (7%)



Red (7%)

Yellow (73%)

Blue (15%)

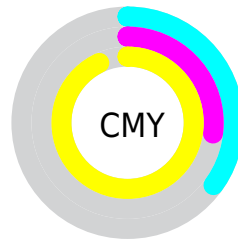


Cyan (11%)

Magenta (0%)

Yellow (91%)

Black (27%)



Cyan (35%)


Magenta (27%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 75.269, 109.741 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, 75.269, 109.741 by changing the saturation by 10% instead.


 72, 75.269,
109.741


 72, 75.269,
109.741


 100, 75.269,
109.741


 62, 75.269,
109.741


 92, 75.269,
109.741

 52, 75.269,
109.741

 42, 75.269,
109.741

 32, 75.269,
109.741

 22, 75.269,
109.741

 12, 75.269,
109.741

 2, 75.269, 109.741

■ 0, 75.269, 109.741

■ 72, 75.269,
109.741

■ 72, 75.269,
109.741

■ 72, 77.435,
110.050

■ 72, 71.260,
109.674

■ 72, 65.318,
109.899

■ 73, 57.870,
110.349

■ 73, 49.371,
110.956

■ 74, 40.188,
111.661

■ 74, 30.578,
112.422

■ 75, 20.714,
113.208

■ 75, 10.708,
113.996

■ 76, 0.634, 114.744

Harmonies

Complementary

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



72, 75.269, 109.741



25, 100.055, 306.165

Rectangle

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



72, 75.269, 109.741



72, 75.269, 159.741



72, 75.269, 289.741



72, 75.269, 339.741

Sweetspot

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



72, 75.269, 109.743



94, 33.362, 112.672



41, 74.767, 40.049



50, 22.611, 112.405



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, 75.269, 109.743



91, 94.161, 110.164



67, 86.027, 130.624



40, 5.754, 114.096



62, 68.447, 109.963



10, 17.113, 114.993

Inverse Universe

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



25, 100.055, 306.165



31, 128.002, 306.631



34, 92.754, 315.412



37, 5.878, 295.594



18, 92.906, 306.760



1, 17.484, 293.933

Previews

White Background



This preview shows how the CIELCh color 72, 75.269, 109.741 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, 75.269, 109.741 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, 75.269, 109.741

Background



This preview shows how black text looks on a background with the CIELCh color 72, 75.269, 109.741.



This preview shows how white text looks on a background with the CIELCh color 72, 75.269, 109.741.

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, 75.420, 109.715

Protanopia
72, 72.908, 95.144

Deuteranopia
72, 69.519, 82.332



Tritanopia
72, 7.572, 310.679

Trichromacy



Original Color
72, 75.420, 109.715

Protanomaly
72, 73.215, 100.906

Deuteranomaly
71, 69.495, 92.761

Tritanomaly
72, 28.996, 109.739

Monochromacy



Original Color
72, 75.420, 109.715

Achromatopsia
66, 0.008, 296.813

Achromatomaly
68, 33.030, 111.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 75.269, 109.741 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(167, 187, 17)` looks like.

```
.text, #text, p{  
    color:rgb(167, 187, 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(167, 187, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 187, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 75.269, 109.741 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(167, 187, 17) }
```

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

```
.border{ border-color:rgb(167, 187, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 187, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 187, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 187, 17);  
box-shadow:4px 4px 4px 4px rgb(167, 187,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 75.269, 109.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 187, 17) }
```

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

```
.background{ background-color: rgb(167,  
187, 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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