

Converting Colors

CIELCh(72, 75.459, 107.290)

Have a look what the booklet for
CIELCh(72, 75.459, 107.290)
contains.

CIELCh(72, 75.336, 107.330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 75.336, 107.330)

Conversions

Conversions Part 1

Format	Color
Hex	ACB90B
RGB	172, 185, 11
RGB Percent	67%, 73%, 4%
CMY	0.3242, 0.2733, 0.9573
CMYK	0.07, 0.00, 0.94, 0.27
HSL	64°, 89%, 38%
HSV	64°, 94%, 73%
XYZ	34.5587, 43.6590, 6.9185
YIQ	161.2770, 48.1060, -56.8700

Conversions

Conversions Part 2

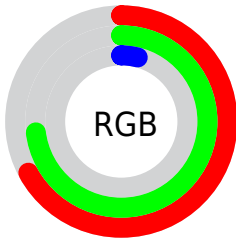
Format	Color
RYB	11, 185, 24
Decimal	11319563
CIELab	72.00, -22.44, 71.92
CIELCh	72, 75.336, 107.330
Yxy	43.6590, 0.4059, 0.5128
Android (android.graphics.Color)	4289509643 (0xFFACB90B)
YUV	161.2770, -74.0866, 9.4041
Hunter-Lab	66.0750, -22.2717, 40.0445

Details

The CIELCh color **72, 75.336, 107.330** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **23, 101.916, 306.091**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 75.337, 107.353**, and **52, 60.089, 110.456** is the 20% darker color. If you saturate the color by 10%, you get **72, 76.558, 107.427**, and if you desaturate by 10%, it is **72, 72.141, 107.316**.

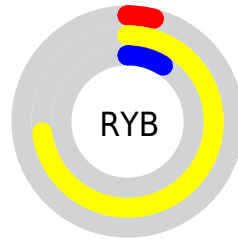
Distribution



Red (67%)

Green (73%)

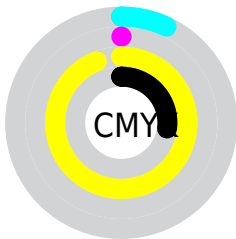
Blue (4%)



Red (4%)

Yellow (73%)

Blue (9%)

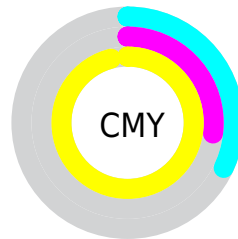


Cyan (7%)

Magenta (0%)

Yellow (94%)

Black (27%)



Cyan (32%)


Magenta (27%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 75.336, 107.330 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, 75.336, 107.330 by changing the saturation by 10% instead.


 72, 75.336,
107.330


 72, 75.336,
107.330


 100, 75.336,
107.330


 62, 75.336,
107.330


 92, 75.336,
107.330

 52, 75.336,
107.330

 42, 75.336,
107.330

 32, 75.336,
107.330

 22, 75.336,
107.330

 12, 75.336,
107.330

 2, 75.336, 107.330

■ 0, 75.336, 107.330

■ 72, 75.336,
107.330

■ 72, 75.336,
107.330

■ 72, 76.558,
107.427

■ 72, 72.141,
107.316

■ 72, 66.919,
107.569

■ 73, 60.031,
108.044

■ 73, 51.940,
108.679

■ 73, 43.050,
109.421

■ 74, 33.656,
110.228

■ 74, 23.955,
111.069

■ 74, 14.078,
111.918

■ 75, 4.111, 112.756

Harmonies

Complementary

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



72, 75.336, 107.330



23, 101.916, 306.091

Rectangle

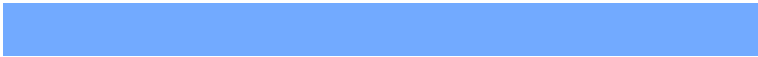
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 75.336, 107.330



72, 75.336, 157.330



72, 75.336, 287.330



72, 75.336, 337.330

Sweetspot

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



72, 75.336, 107.332



93, 34.187, 110.702



40, 77.881, 39.379



49, 23.514, 110.343



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 75.336, 107.332



91, 92.867, 107.500



67, 85.624, 129.540



39, 5.611, 112.323



61, 67.260, 107.367



9, 15.249, 113.669

Inverse Universe

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



23, 101.916, 306.091



30, 127.327, 306.462



32, 94.480, 313.859



35, 5.733, 293.941



18, 92.096, 306.559



1, 15.404, 292.453

Previews

White Background



This preview shows how the CIELCh color 72, 75.336, 107.330 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 CIE LCh color 72, 75.336, 107.330 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, 75.336, 107.330

Background



This preview shows how black text looks on a background with the CIELCh color 72, 75.336, 107.330.



This preview shows how white text looks on a background with the CIELCh color 72, 75.336, 107.330.

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, 75.226, 107.346

Protanopia

72, 74.410, 95.152

Deuteranopia

72, 70.301, 82.479



Tritanopia
72, 9.268, 324.824

Trichromacy



Original Color
72, 75.226, 107.346

Protanomaly
72, 74.264, 99.768

Deuteranomaly
72, 70.788, 92.087

Tritanomaly
71, 29.589, 103.990

Monochromacy



Original Color
72, 75.226, 107.346

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 33.972, 109.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 75.336, 107.330 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(172, 185, 11)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 11)  
}
```

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(172, 185, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 75.336, 107.330 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(172, 185, 11) }
```

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

```
.border{ border-color:rgb(172, 185, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 11);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
11) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 75.336, 107.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 11) }
```

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

```
.background{ background-color: rgb(172,  
185, 11) }
```

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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