

Converting Colors

CIELCh(71, 74.509, 109.431)

Have a look what the booklet for
CIELCh(71, 74.509, 109.431)
contains.

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Color

CIELCh(71, 74.557, 109.469)

Conversions

Conversions Part 1

Format	Color
Hex	A5B80F
RGB	165, 184, 15
RGB Percent	65%, 72%, 6%
CMY	0.3540, 0.2794, 0.9393
CMYK	0.10, 0.00, 0.92, 0.28
HSL	67°, 84%, 39%
HSV	67°, 92%, 72%
XYZ	32.6432, 42.1875, 6.8920
YIQ	159.0530, 42.9250, -56.5870

Conversions

Conversions Part 2

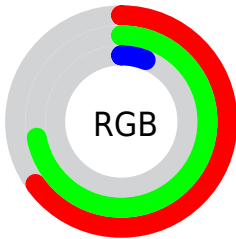
Format	Color
RYB	15, 184, 34
Decimal	10860559
CIELab	71.00, -24.85, 70.29
CIElCh	71, 74.557, 109.469
Yxy	42.1875, 0.3994, 0.5162
Android (android.graphics.Color)	4289050639 (0xFFA5B80F)
YUV	159.0530, -71.0181, 5.2155
Hunter-Lab	64.9519, -23.9563, 39.1751

Details

The CIELCh color **71, 74.557, 109.469** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **24, 99.454, 306.180**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 74.782, 109.318**, and **51, 60.268, 113.070** is the 20% darker color. If you saturate the color by 10%, you get **71, 76.450, 109.732**, and if you desaturate by 10%, it is **71, 70.783, 109.393**.

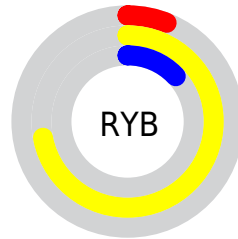
Distribution



Red (65%)

Green (72%)

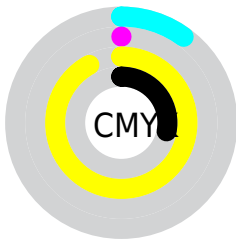
Blue (6%)



Red (6%)

Yellow (72%)

Blue (13%)

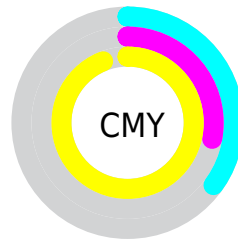


Cyan (10%)

Magenta (0%)

Yellow (92%)

Black (28%)



Cyan (35%)


Magenta (28%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 74.557, 109.469 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 71, 74.557, 109.469 by changing the saturation by 10% instead.


 71, 74.557,
109.469

 71, 74.557,
109.469


 100, 74.557,
109.469


 61, 74.557,
109.469


 91, 74.557,
109.469

 51, 74.557,
109.469

 41, 74.557,
109.469

 31, 74.557,
109.469

 21, 74.557,
109.469

 11, 74.557,
109.469

 1, 74.557, 109.469

■ 0, 74.557, 109.469

■ 71, 74.557,
109.469

■ 71, 74.557,
109.469

■ 71, 76.450,
109.732

■ 71, 70.783,
109.393

■ 71, 65.075,
109.608

■ 72, 57.840,
110.052

■ 72, 49.533,
110.655

■ 72, 40.522,
111.360

■ 73, 31.072,
112.124

■ 73, 21.358,
112.915

■ 74, 11.495,
113.709

■ 75, 1.561, 114.482

Harmonies

Complementary

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



71, 74.557, 109.469



24, 99.454, 306.180

Rectangle

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



71, 74.557, 109.469



71, 74.557, 159.469



71, 74.557, 289.469



71, 74.557, 339.469

Sweetspot

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



71, 74.557, 109.471



93, 33.065, 112.448



40, 74.929, 39.702



49, 22.216, 112.182



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 74.557, 109.471



90, 93.333, 109.844



67, 84.944, 130.243



39, 5.623, 113.886



61, 67.580, 109.647



9, 15.351, 116.062

Inverse Universe

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



24, 99.454, 306.180



31, 127.026, 306.610



33, 92.269, 314.905



36, 5.744, 295.393



18, 91.835, 306.738



1, 15.422, 293.567

Previews

White Background



This preview shows how the CIELCh color 71, 74.557, 109.469 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 71, 74.557, 109.469 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 71, 74.557, 109.469

Background



This preview shows how black text looks on a background with the CIELCh color 71, 74.557, 109.469.



This preview shows how white text looks on a background with the CIELCh color 71, 74.557, 109.469.

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


71, 74.699, 109.445

Protanopia

71, 72.331, 95.023

Deuteranopia

71, 68.953, 82.491



Tritanopia
71, 7.596, 310.684

Trichromacy



Original Color
71, 74.699, 109.445

Protanomaly
71, 72.674, 100.495

Deuteranomaly
71, 69.194, 93.037

Tritanomaly
70, 28.551, 109.792

Monochromacy



Original Color
71, 74.699, 109.445

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 33.091, 111.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 74.557, 109.469 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(165, 184, 15)` looks like.

```
.text, #text, p{  
    color:rgb(165, 184, 15)  
}
```

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(165, 184, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 184, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 74.557, 109.469 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(165, 184, 15) }
```

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

```
.border{ border-color:rgb(165, 184, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 184, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 184, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 184, 15);  
box-shadow:4px 4px 4px 4px rgb(165, 184,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 74.557, 109.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 184, 15) }
```

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

```
.background{ background-color: rgb(165,  
184, 15) }
```

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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