

Converting Colors

CIELCh(71, 76.640, 110.885)

Have a look what the booklet for
CIELCh(71, 76.640, 110.885)
contains.

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Color

CIELCh(71, 76.706, 110.780)

Conversions

Conversions Part 1

Format	Color
Hex	A1B903
RGB	161, 185, 3
RGB Percent	63%, 73%, 1%
CMY	0.3694, 0.2752, 0.9900
CMYK	0.13, 0.00, 0.99, 0.28
HSL	68°, 97%, 37%
HSV	68°, 99%, 72%
XYZ	31.9864, 42.1875, 6.5296
YIQ	157.0760, 44.1180, -61.6900

Conversions

Conversions Part 2

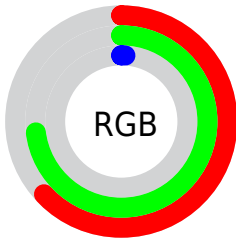
Format	Color
R_{YB}	3, 185, 27
Decimal	10598659
CIE _{Lab}	71.00, -27.21, 71.72
CIE _{LCh}	71, 76.706, 110.780
Yxy	42.1875, 0.3963, 0.5227
Android (android.graphics.Color)	4288788739 (0xFFA1B903)
YUV	157.0760, -75.9595, 3.4413
Hunter-Lab	64.9519, -25.7612, 39.5059

Details

The CIELCh color **71, 76.706, 110.780** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **23, 103.528, 306.692**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 76.904, 110.899**, and **51, 61.092, 115.050** is the 20% darker color. If you saturate the color by 10%, you get **71, 77.010, 110.835**, and if you desaturate by 10%, it is **71, 74.173, 110.432**.

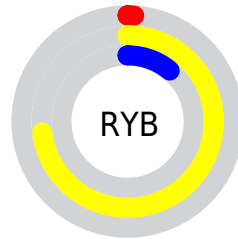
Distribution



Red (63%)

Green (73%)

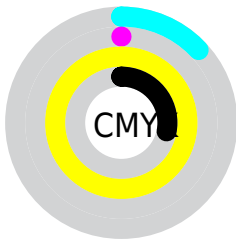
Blue (1%)



Red (1%)

Yellow (73%)

Blue (11%)

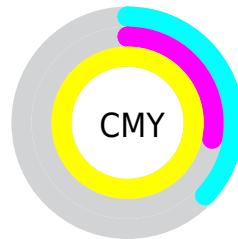


Cyan (13%)

Magenta (0%)

Yellow (99%)

Black (28%)



Cyan (37%)


Magenta (28%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 76.706, 110.780 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, 76.706, 110.780 by changing the saturation by 10% instead.


 71, 76.706,
110.780


 71, 76.706,
110.780


 100, 76.706,
110.780


 61, 76.706,
110.780


 91, 76.706,
110.780

 51, 76.706,
110.780

 41, 76.706,
110.780

 31, 76.706,
110.780

 21, 76.706,
110.780

 11, 76.706,
110.780

 1, 76.706, 110.780

■ 0, 76.706, 110.780

■ 71, 76.706,
110.780

■ 71, 76.706,
110.780

■ 71, 77.010,
110.835

■ 71, 74.173,
110.432

■ 71, 69.750,
110.388

■ 72, 63.489,
110.635

■ 72, 55.836,
111.098

■ 72, 47.228,
111.708

■ 73, 38.004,
112.409

■ 73, 28.400,
113.159

■ 74, 18.570,
113.928

■ 75, 8.619, 114.695

Harmonies

Complementary

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



71, 76.706, 110.780



23, 103.528, 306.692

Rectangle

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



71, 76.706, 110.780



71, 76.706, 160.780



71, 76.706, 290.780



71, 76.706, 340.780

Sweetspot

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



71, 76.706, 110.782



92, 36.718, 113.016



39, 79.342, 41.170



49, 24.954, 112.701



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, 76.706, 110.782



90, 93.621, 110.962



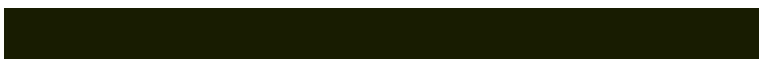
67, 88.257, 131.279



39, 5.630, 114.641



61, 67.777, 110.735



9, 15.407, 117.175

Inverse Universe

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



23, 103.528, 306.692



31, 126.843, 306.701



32, 95.070, 314.948



36, 5.751, 296.097



18, 91.683, 306.845



1, 15.433, 294.107

Previews

White Background



This preview shows how the CIELCh color 71, 76.706, 110.780 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 71, 76.706, 110.780 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, 76.706, 110.780

Background



This preview shows how black text looks on a background with the CIELCh color 71, 76.706, 110.780.



This preview shows how white text looks on a background with the CIELCh color 71, 76.706, 110.780.

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, 76.706, 110.780

Protanopia
71, 73.497, 95.031

Deuteranopia
71, 69.476, 82.589



Tritanopia
71, 7.210, 299.632

Trichromacy



Original Color
71, 76.706, 110.780

Protanomaly
71, 73.909, 101.117

Deuteranomaly
71, 70.348, 93.451

Tritanomaly
70, 31.266, 112.372

Monochromacy



Original Color
71, 76.706, 110.780

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 35.794, 112.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 76.706, 110.780 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(161, 185, 3)` looks like.

```
.text, #text, p{  
    color:rgb(161, 185, 3)  
}
```

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(161, 185, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 185, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 76.706, 110.780 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(161, 185, 3) }
```

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

```
.border{ border-color:rgb(161, 185, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 185, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 185, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 185, 3);  
box-shadow:4px 4px 4px 4px rgb(161, 185,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 76.706, 110.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 185, 3) }
```

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

```
.background{ background-color: rgb(161,  
185, 3) }
```

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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