

Converting Colors

CIELCh(71, 74.859, 117.189)

Have a look what the booklet for
CIELCh(71, 74.859, 117.189)
contains.

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Color

CIELCh(71, 74.769, 117.203)

Conversions

Conversions Part 1

Format	Color
Hex	92BC20
RGB	146, 188, 32
RGB Percent	57%, 74%, 13%
CMY	0.4274, 0.2627, 0.8744
CMYK	0.22, 0.00, 0.83, 0.26
HSL	76°, 71%, 43%
HSV	76°, 83%, 74%
XYZ	30.1025, 42.1875, 7.9240
YIQ	157.6580, 25.0440, -57.4200

Conversions

Conversions Part 2

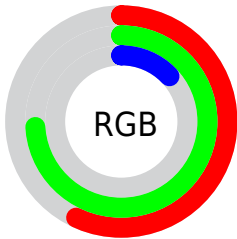
Format	Color
RYB	32, 188, 74
Decimal	9616416
CIELab	71.00, -34.18, 66.50
CIELCh	71, 74.769, 117.203
Yxy	42.1875, 0.3753, 0.5259
Android (android.graphics.Color)	4287806496 (0xFF92BC20)
YUV	157.6580, -61.9494, -10.2241
Hunter-Lab	64.9519, -30.9385, 38.2331

Details

The CIELCh color **71, 74.769, 117.203** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **30, 92.816, 307.631**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 74.503, 117.008**, and **51, 64.213, 121.060** is the 20% darker color. If you saturate the color by 10%, you get **71, 78.711, 117.780**, and if you desaturate by 10%, it is **71, 68.864, 117.043**.

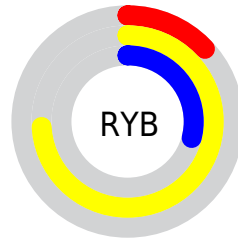
Distribution



Red (57%)

Green (74%)

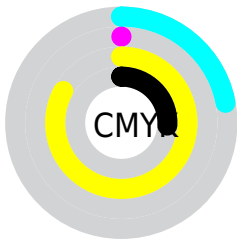
Blue (13%)



Red (13%)

Yellow (74%)

Blue (29%)

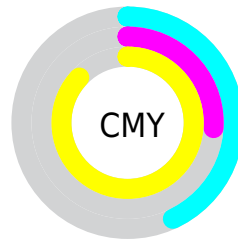


Cyan (22%)

Magenta (0%)

Yellow (83%)

Black (26%)



Cyan (43%)


Magenta (26%)

Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 74.769, 117.203 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, 74.769, 117.203 by changing the saturation by 10% instead.


 71, 74.769,
117.203


 71, 74.769,
117.203


 100, 74.769,
117.203


 61, 74.769,
117.203


 91, 74.769,
117.203

 51, 74.769,
117.203

 41, 74.769,
117.203

 31, 74.769,
117.203

 21, 74.769,
117.203

 11, 74.769,
117.203

 1, 74.769, 117.203

■ 0, 74.769, 117.203

■ 71, 74.769,
117.203

■ 71, 74.769,
117.203

■ 71, 78.711,
117.780

■ 71, 68.864,
117.043

■ 70, 80.559,
118.376

■ 72, 61.380,
117.199

■ 72, 52.776,
117.570

■ 73, 43.435,
118.074

■ 74, 33.634,
118.650

■ 74, 23.558,
119.257

■ 75, 13.334,
119.871

■ 76, 3.047, 120.479

■ 77, 7.246, 301.039

Harmonies

Complementary

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



71, 74.769, 117.203



30, 92.816, 307.631

Rectangle

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



71, 74.769, 117.203



71, 74.769, 167.203



71, 74.769, 297.203



71, 74.769, 347.203

Sweetspot

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



71, 74.769, 117.205



94, 31.741, 119.108



47, 63.962, 46.439



50, 21.608, 118.893



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 74.769, 117.205



89, 98.338, 118.598



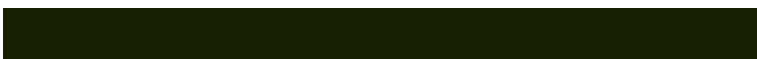
68, 85.884, 133.717



40, 5.846, 120.090



60, 70.795, 118.199



10, 17.797, 123.551

Inverse Universe

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



30, 92.816, 307.631



33, 126.794, 307.805



40, 87.724, 320.224



37, 5.959, 301.220



20, 91.181, 308.050



1, 17.626, 298.097

Previews

White Background



This preview shows how the CIELCh color 71, 74.769, 117.203 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, 74.769, 117.203 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, 74.769, 117.203

Background



This preview shows how black text looks on a background with the CIELCh color 71, 74.769, 117.203.



This preview shows how white text looks on a background with the CIELCh color 71, 74.769, 117.203.

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

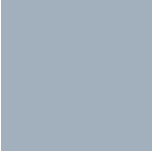
71, 74.769, 117.203

Protanopia

71, 69.145, 95.359

Deuteranopia

71, 65.003, 81.617



Tritanopia
71, 8.838, 259.379

Trichromacy



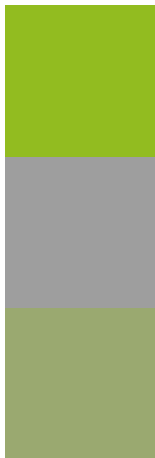
Original Color
71, 74.769, 117.203

Protanomaly
71, 69.886, 103.996

Deuteranomaly
70, 65.111, 96.048

Tritanomaly
70, 27.644, 127.851

Monochromacy



Original Color
71, 74.769, 117.203

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 31.504, 118.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 74.769, 117.203 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(146, 188, 32)` looks like.

```
.text, #text, p{  
    color:rgb(146, 188, 32)  
}
```

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(146, 188, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 188, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 74.769, 117.203 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(146, 188, 32) }
```

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

```
.border{ border-color:rgb(146, 188, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 188, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 188, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 188, 32);  
box-shadow:4px 4px 4px 4px rgb(146, 188,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 74.769, 117.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 188, 32) }
```

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

```
.background{ background-color: rgb(146,  
188, 32) }
```

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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