

Converting Colors

CIELCh(71, 49.112, 143.147)

Have a look what the booklet for
CIELCh(71, 49.112, 143.147)
contains.

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Color

CIELCh(71, 49.048, 143.051)

Conversions

Conversions Part 1

Format	Color
Hex	71BF76
RGB	113, 191, 118
RGB Percent	44%, 75%, 46%
CMY	0.5561, 0.2502, 0.5365
CMYK	0.41, 0.00, 0.38, 0.25
HSL	124°, 38%, 60%
HSV	124°, 41%, 75%
XYZ	28.7925, 42.1875, 23.8241
YIQ	159.3560, -23.0550, -39.2390

Conversions

Conversions Part 2

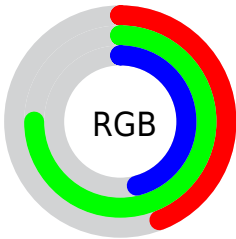
Format	Color
R _Y B	113, 186, 191
Decimal	7454582
CIE Lab	71.00, -39.20, 29.48
CIE LCh	71, 49.048, 143.051
Yxy	42.1875, 0.3037, 0.4450
Android (android.graphics.Color)	4285644662 (0xFF71BF76)
YUV	159.3560, -20.3885, -40.6542
Hunter-Lab	64.9519, -34.5387, 23.7190

Details

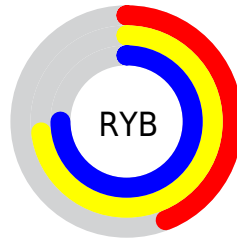
The CIELCh color **71, 49.048, 143.051** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **59, 48.949, 328.485**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 49.055, 143.108**, and **51, 49.277, 142.823** is the 20% darker color. If you saturate the color by 10%, you get **70, 60.264, 141.956**, and if you desaturate by 10%, it is **72, 37.264, 144.016**.

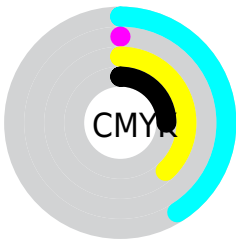
Distribution



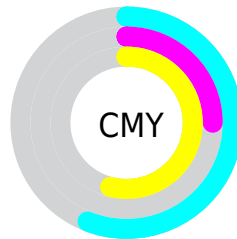
- Red (44%)
- Green (75%)
- Blue (46%)



- Red (44%)
- Yellow (73%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)





- Cyan (56%)
- Magenta (25%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 49.048, 143.051 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, 49.048, 143.051 by changing the saturation by 10% instead.


 71, 49.048,
143.051


 71, 49.048,
143.051


 100, 49.048,
143.051


 61, 49.048,
143.051


 91, 49.048,
143.051

 51, 49.048,
143.051

 41, 49.048,
143.051

 31, 49.048,
143.051

 21, 49.048,
143.051

 11, 49.048,
143.051

 1, 49.048, 143.051

0, 49.048, 143.051

71, 49.048,
143.051

71, 49.048,
143.051

70, 60.264,
141.956

72, 37.264,
144.016

69, 70.581,
140.750

74, 25.182,
144.853

68, 79.627,
139.485

75, 13.021,
145.576

68, 86.997,
138.253

77, 0.947, 146.442

68, 92.317,
137.184

79, 10.919,
326.656

68, 95.293,
136.516

81, 22.498,
327.110

■ 84, 33.740,
327.491

■ 85, 40.002,
325.813

Harmonies

Complementary

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



71, 49.048, 143.051



59, 48.949, 328.485

Rectangle

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



71, 49.048, 143.051



71, 49.048, 193.051



71, 49.048, 323.051



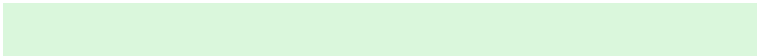
71, 49.048, 13.051

Sweetspot

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



71, 49.049, 143.051



95, 17.850, 145.481



76, 40.958, 108.569



51, 11.945, 145.389



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 49.049, 143.051



88, 71.773, 142.074



72, 33.709, 162.321



39, 6.754, 145.673



57, 82.538, 136.638



9, 21.020, 145.596

Inverse Universe

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



59, 48.949, 328.485



70, 71.340, 328.957



57, 35.877, 350.750



37, 6.766, 326.708



37, 76.937, 330.919



3, 20.182, 327.783

Previews

White Background



This preview shows how the CIELCh color 71, 49.048, 143.051 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, 49.048, 143.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

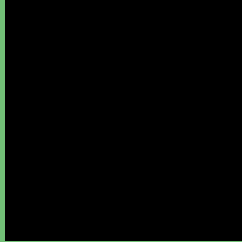
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 49.048, 143.051

Background



This preview shows how black text looks on a background with the CIELCh color 71, 49.048, 143.051.



This preview shows how white text looks on a background with the CIELCh color 71, 49.048, 143.051.

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, 49.048, 143.051

Protanopia

71, 33.968, 95.933

Deuteranopia

71, 28.491, 72.375



Tritanopia
71, 18.767, 222.400

Trichromacy



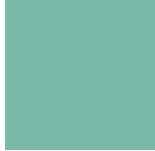
Original Color
71, 49.048, 143.051



Protanomaly
70, 36.117, 119.205



Deuteranomaly
70, 28.578, 109.779



Tritanomaly
71, 23.825, 174.478

Monochromacy



Original Color
71, 49.048, 143.051



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 17.985, 145.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 49.048, 143.051 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(113, 191, 118)` looks like.

```
.text, #text, p{  
    color:rgb(113, 191, 118)  
}
```

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(113, 191, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 191, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 49.048, 143.051 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(113, 191, 118) }
```

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

```
.border{ border-color:rgb(113, 191, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 191, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 191, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 191, 118);  
box-shadow:4px 4px 4px 4px rgb(113, 191,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 49.048, 143.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 191, 118) }
```

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

```
.background{ background-color: rgb(113,  
191, 118) }
```

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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