

Converting Colors

CIELCh(71, 51.035, 138.860)

Have a look what the booklet for
CIELCh(71, 51.035, 138.860)
contains.

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Color

CIELCh(71, 51.324, 138.684)

Conversions

Conversions Part 1

Format	Color
Hex	77BF6E
RGB	119, 191, 110
RGB Percent	47%, 75%, 43%
CMY	0.5342, 0.2519, 0.5695
CMYK	0.38, 0.00, 0.42, 0.25
HSL	113°, 39%, 59%
HSV	113°, 42%, 75%
XYZ	28.9598, 42.1875, 21.3078
YIQ	160.2380, -16.9110, -40.4550

Conversions

Conversions Part 2

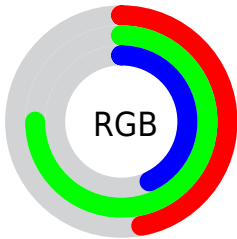
Format	Color
RYB	110, 191, 182
Decimal	7847790
CIELab	71.00, -38.55, 33.88
CIELCh	71, 51.324, 138.684
Yxy	42.1875, 0.3132, 0.4563
Android (android.graphics.Color)	4286037870 (0xFF77BF6E)
YUV	160.2380, -24.7673, -36.1657
Hunter-Lab	64.9519, -34.0788, 26.0160

Details

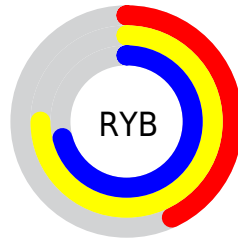
The CIELCh color **71, 51.324, 138.684** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **57, 51.710, 323.367**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 51.263, 138.813**, and **51, 51.620, 138.622** is the 20% darker color. If you saturate the color by 10%, you get **70, 62.579, 137.853**, and if you desaturate by 10%, it is **72, 39.489, 139.461**.

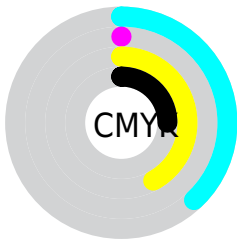
Distribution



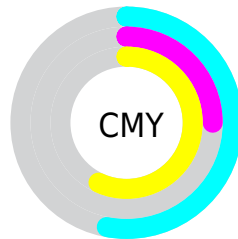
- Red (47%)
- Green (75%)
- Blue (43%)



- Red (43%)
- Yellow (75%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (42%)
- Black (25%)





- Cyan (53%)
- Magenta (25%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 51.324, 138.684 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, 51.324, 138.684 by changing the saturation by 10% instead.


 71, 51.324,
138.684

 71, 51.324,
138.684


 100, 51.324,
138.684


 61, 51.324,
138.684


 91, 51.324,
138.684

 51, 51.324,
138.684

 41, 51.324,
138.684

 31, 51.324,
138.684

 21, 51.324,
138.684

 11, 51.324,
138.684

 1, 51.324, 138.684

■ 0, 51.324, 138.684

■ 71, 51.324,
138.684

■ 71, 51.324,
138.684

■ 70, 62.579,
137.853

■ 72, 39.489,
139.461

■ 69, 72.887,
137.017

■ 74, 27.350,
140.159

■ 68, 81.798,
136.267

■ 75, 15.118,
140.775

■ 68, 88.799,
135.727

■ 77, 2.950, 141.363

■ 68, 93.455,
135.519

■ 79, 9.045, 321.714

■ 68, 95.609,
135.495

■ 81, 20.791,
322.112

■ 83, 32.238,

322.442

 85, 40.180,
325.584

 85, 40.275,
325.822

Harmonies

Complementary

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



71, 51.324, 138.684



57, 51.710, 323.367

Rectangle

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



71, 51.324, 138.684



71, 51.324, 188.684



71, 51.324, 318.684



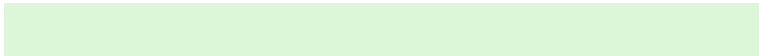
71, 51.324, 8.684

Sweetspot

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



71, 51.325, 138.685



95, 19.501, 140.731



73, 38.195, 100.404



50, 13.771, 140.599



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, 51.325, 138.685



89, 75.220, 137.907



71, 40.054, 153.915



39, 6.809, 140.952



57, 83.100, 135.406



9, 21.100, 142.262

Inverse Universe

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



57, 51.710, 323.367



68, 75.703, 323.722



57, 40.980, 341.471



37, 6.833, 321.830



34, 81.471, 323.992



3, 20.322, 320.597

Previews

White Background



This preview shows how the CIELCh color 71, 51.324, 138.684 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, 51.324, 138.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

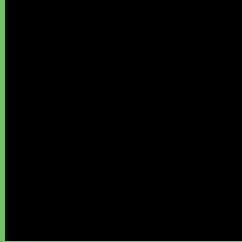
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 51.324, 138.684

Background



This preview shows how black text looks on a background with the CIELCh color 71, 51.324, 138.684.



This preview shows how white text looks on a background with the CIELCh color 71, 51.324, 138.684.

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

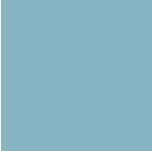
71, 51.324, 138.684

Protanopia

71, 38.129, 95.940

Deuteranopia

70, 32.532, 73.756



Tritanopia
71, 16.908, 225.408

Trichromacy



Original Color
71, 51.324, 138.684



Protanomaly
70, 39.901, 115.918



Deuteranomaly
70, 32.247, 106.151



Tritanomaly
71, 23.298, 168.031

Monochromacy



Original Color
71, 51.324, 138.684



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 18.920, 140.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 51.324, 138.684 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(119, 191, 110)` looks like.

```
.text, #text, p{  
    color:rgb(119, 191, 110)  
}
```

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(119, 191, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 191, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 51.324, 138.684 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(119, 191, 110) }
```

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

```
.border{ border-color:rgb(119, 191, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 191, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 191, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 191, 110);  
box-shadow:4px 4px 4px 4px rgb(119, 191,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 51.324, 138.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 191, 110) }
```

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

```
.background{ background-color: rgb(119,  
191, 110) }
```

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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