

Converting Colors

CIELCh(71, 38.553, 142.277)

Have a look what the booklet for
CIELCh(71, 38.553, 142.277)
contains.

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Color

CIELCh(71, 38.456, 142.292)

Conversions

Conversions Part 1

Format	Color
Hex	82BC82
RGB	130, 188, 130
RGB Percent	51%, 74%, 51%
CMY	0.4912, 0.2637, 0.4911
CMYK	0.31, 0.00, 0.31, 0.26
HSL	120°, 30%, 62%
HSV	120°, 31%, 74%
XYZ	31.1088, 42.1875, 27.5375
YIQ	164.0460, -15.9500, -30.3340

Conversions

Conversions Part 2

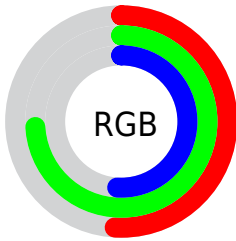
Format	Color
RYB	130, 188, 188
Decimal	8567938
CIELab	71.00, -30.42, 23.52
CIELCh	71, 38.456, 142.292
Yxy	42.1875, 0.3085, 0.4184
Android (android.graphics.Color)	4286758018 (0xFF82BC82)
YUV	164.0460, -16.7847, -29.8583
Hunter-Lab	64.9519, -28.1730, 20.3293

Details

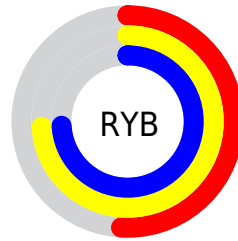
The CIELCh color **71, 38.456, 142.292** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 38.447, 326.102**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 38.957, 142.339**, and **51, 38.323, 142.303** is the 20% darker color. If you saturate the color by 10%, you get **70, 50.547, 141.352**, and if you desaturate by 10%, it is **72, 26.034, 143.112**.

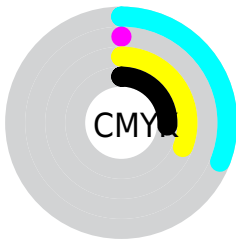
Distribution



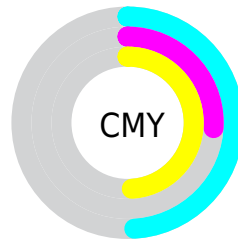
- Red (51%)
- Green (74%)
- Blue (51%)



- Red (51%)
- Yellow (74%)
- Blue (74%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (26%)





- Cyan (49%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 38.456, 142.292 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, 38.456, 142.292 by changing the saturation by 10% instead.


 71, 38.456,
142.292

 71, 38.456,
142.292


 100, 38.456,
142.292


 61, 38.456,
142.292


 91, 38.456,
142.292

 51, 38.456,
142.292

 41, 38.456,
142.292

 31, 38.456,
142.292

 21, 38.456,
142.292

 11, 38.456,
142.292

 1, 38.456, 142.292

0, 38.456, 142.292

71, 38.456,
142.292

71, 38.456,
142.292

70, 50.547,
141.352

72, 26.034,
143.112

69, 61.993,
140.302

74, 13.518,
143.821

68, 72.411,
139.181

76, 1.089, 144.623

67, 81.343,
138.068

78, 11.126,
324.878

67, 88.292,
137.090

80, 23.041,
325.315

67, 92.839,
136.391

83, 34.606,
325.678

■ 66, 95.152,
136.017

■ 84, 42.161,
325.886

Harmonies

Complementary

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



71, 38.456, 142.292



62, 38.447, 326.102

Rectangle

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



71, 38.456, 142.292



71, 38.456, 192.292



71, 38.456, 322.292



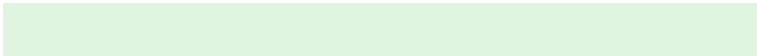
71, 38.456, 12.292

Sweetspot

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



71, 38.457, 142.292



94, 13.843, 143.935



75, 30.813, 107.219



50, 9.625, 143.840



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, 38.457, 142.292



89, 56.916, 141.674



72, 26.497, 160.795



39, 7.057, 143.921



57, 83.792, 136.017



9, 21.677, 144.395

Inverse Universe

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



62, 38.447, 326.102



76, 56.837, 326.444



61, 27.514, 346.514



37, 7.067, 324.932



37, 80.840, 328.238



3, 21.487, 325.465

Previews

White Background



This preview shows how the CIELCh color 71, 38.456, 142.292 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, 38.456, 142.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

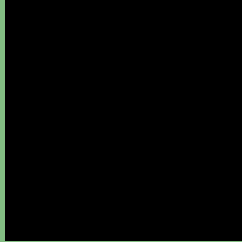
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 38.456, 142.292

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.456, 142.292.

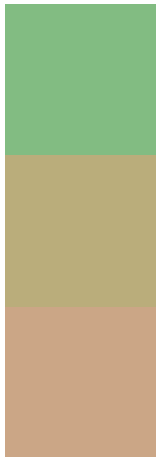


This preview shows how white text looks on a background with the CIELCh color 71, 38.456, 142.292.

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, 38.456, 142.292

Protanopia
71, 27.574, 96.057

Deuteranopia
71, 23.489, 67.402



Tritanopia
71, 14.767, 229.896

Trichromacy



Original Color
71, 38.456, 142.292

Protanomaly
70, 28.931, 117.082

Deuteranomaly
70, 22.740, 105.817

Tritanomaly
71, 17.531, 175.992

Monochromacy



Original Color
71, 38.456, 142.292

Achromatopsia
67, 0.008, 296.813

Achromatomaly
69, 14.108, 143.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 38.456, 142.292 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(130, 188, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 188, 130)  
}
```

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(130, 188, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 188, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.456, 142.292 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(130, 188, 130) }
```

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

```
.border{ border-color:rgb(130, 188, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 188, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 188, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 188, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 188,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.456, 142.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 188, 130) }
```

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

```
.background{ background-color: rgb(130,  
188, 130) }
```

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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