

Converting Colors

CIELCh(73, 83.283, 141.816)

Have a look what the booklet for
CIELCh(73, 83.283, 141.816)
contains.

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Color

CIELCh(73, 83.340, 141.827)

Conversions

Conversions Part 1

Format	Color
Hex	2ECE4D
RGB	46, 206, 77
RGB Percent	18%, 81%, 30%
CMY	0.8208, 0.1928, 0.6987
CMYK	0.78, 0.00, 0.63, 0.19
HSL	132°, 64%, 49%
HSV	132°, 78%, 81%
XYZ	24.4755, 45.1644, 14.4184
YIQ	143.4540, -53.9510, -74.0390

Conversions

Conversions Part 2

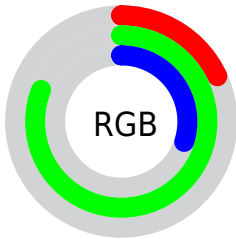
Format	Color
RYB	46, 180, 206
Decimal	3067469
CIELab	73.00, -65.52, 51.51
CIELCh	73, 83.340, 141.827
Yxy	45.1644, 0.2912, 0.5373
Android (android.graphics.Color)	4281257549 (0xFF2ECE4D)
YUV	143.4540, -32.7618, -85.4672
Hunter-Lab	67.2044, -52.5990, 34.3227

Details

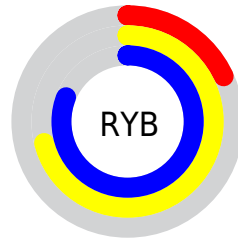
The CIELCh color **73, 83.340, 141.827** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **50, 79.305, 335.771**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 78.697, 142.140**, and **54, 77.834, 137.472** is the 20% darker color. If you saturate the color by 10%, you get **73, 90.182, 140.191**, and if you desaturate by 10%, it is **74, 75.062, 143.405**.

Distribution



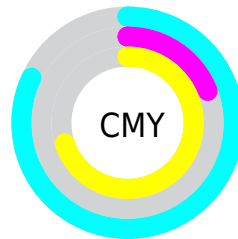
- Red (18%)
- Green (81%)
- Blue (30%)



- Red (18%)
- Yellow (71%)
- Blue (81%)



- Cyan (78%)
- Magenta (0%)
- Yellow (63%)
- Black (19%)





- Cyan (82%)
- Magenta (19%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 83.340, 141.827 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 73, 83.340, 141.827 by changing the saturation by 10% instead.


 73, 83.340,
141.827


 73, 83.340,
141.827


 100, 83.340,
141.827


 63, 83.340,
141.827


 93, 83.340,
141.827

 53, 83.340,
141.827

 43, 83.340,
141.827

 33, 83.340,
141.827

 23, 83.340,
141.827

 13, 83.340,
141.827

 3, 83.340, 141.827

■ 0, 83.340, 141.827

■ 73, 83.340,
141.827

■ 73, 83.340,
141.827

■ 73, 90.182,
140.191

■ 74, 75.062,
143.405

■ 72, 95.423,
138.622

■ 74, 65.583,
144.857

■ 72, 96.393,
138.328

■ 75, 55.165,
146.153

■ 76, 44.072,
147.288

■ 78, 32.555,
148.273

■ 79, 20.831,
149.124

■ 81, 9.080, 149.872

■ 83, 2.559, 330.343

■ 85, 13.983,
330.988

Harmonies

Complementary

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



73, 83.340, 141.827



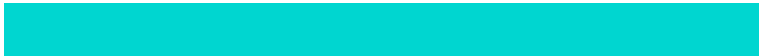
50, 79.305, 335.771

Rectangle

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



73, 83.340, 141.827



73, 83.340, 191.827



73, 83.340, 321.827



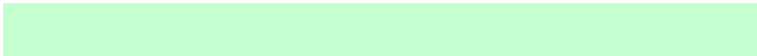
73, 83.340, 11.827

Sweetspot

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



73, 83.340, 141.827



95, 32.064, 148.672



78, 75.987, 112.979



50, 22.188, 148.350



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 83.340, 141.827



88, 110.120, 139.168



74, 53.726, 164.951



42, 6.566, 149.757



59, 81.563, 138.583



12, 26.037, 146.379

Inverse Universe

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



50, 79.305, 335.771



58, 98.775, 337.295



47, 64.763, 9.342



40, 6.587, 330.886



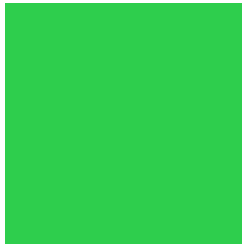
37, 72.063, 337.727



5, 24.771, 335.112

Previews

White Background



This preview shows how the CIELCh color 73, 83.340, 141.827 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 73, 83.340, 141.827 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 73, 83.340, 141.827

Background



This preview shows how black text looks on a background with the CIELCh color 73, 83.340, 141.827.



This preview shows how white text looks on a background with the CIELCh color 73, 83.340, 141.827.

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

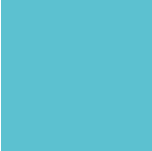
73, 83.340, 141.827

Protanopia

72, 56.674, 95.582

Deuteranopia

72, 49.061, 78.874



Tritanopia
73, 30.052, 213.244

Trichromacy



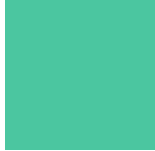
Original Color
73, 83.340, 141.827



Protanomaly
71, 61.954, 122.201



Deuteranomaly
70, 52.141, 117.365



Tritanomaly
73, 44.137, 168.195

Monochromacy



Original Color
73, 83.340, 141.827



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 34.392, 147.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 83.340, 141.827 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(46, 206, 77)` looks like.

```
.text, #text, p{  
    color:rgb(46, 206, 77)  
}
```

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(46, 206, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 206, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 83.340, 141.827 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(46, 206, 77) }
```

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

```
.border{ border-color:rgb(46, 206, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 206, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 206, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 206, 77);  
box-shadow:4px 4px 4px 4px rgb(46, 206,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 83.340, 141.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 206, 77) }
```

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

```
.background{ background-color: rgb(46, 206,  
77) }
```

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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