

Converting Colors

CIELCh(84, 71.177, 152.746)

Have a look what the booklet for
CIELCh(84, 71.177, 152.746)
contains.

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Color

CIELCh(84, 71.032, 152.825)

Conversions

Conversions Part 1

Format	Color
Hex	43ED91
RGB	67, 237, 145
RGB Percent	26%, 93%, 57%
CMY	0.7387, 0.0688, 0.4298
CMYK	0.72, 0.00, 0.39, 0.07
HSL	148°, 83%, 60%
HSV	148°, 72%, 93%
XYZ	37.8457, 64.0658, 37.3251
YIQ	175.6820, -71.7880, -64.6520

Conversions

Conversions Part 2

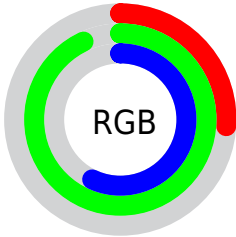
Format	Color
RYB	67, 184, 237
Decimal	4451729
CIELab	84.00, -63.19, 32.44
CIELCh	84, 71.032, 152.825
Yxy	64.0658, 0.2718, 0.4601
Android (android.graphics.Color)	4282641809 (0xFF43ED91)
YUV	175.6820, -15.1262, -95.3141
Hunter-Lab	80.0411, -55.6720, 28.3804

Details

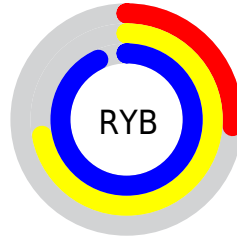
The CIELCh color **84, 71.032, 152.825** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **57, 72.630, 350.555**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 48.642, 160.777**, and **65, 67.315, 150.044** is the 20% darker color. If you saturate the color by 10%, you get **83, 78.107, 150.860**, and if you desaturate by 10%, it is **85, 62.971, 154.575**.

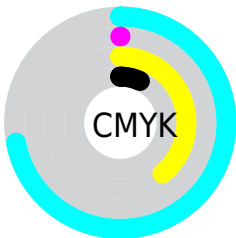
Distribution



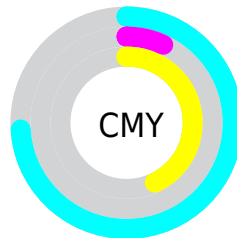
- Red (26%)
- Green (93%)
- Blue (57%)



- Red (26%)
- Yellow (72%)
- Blue (93%)



- Cyan (72%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)



- Cyan (74%)
- Magenta (7%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 71.032, 152.825 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 84, 71.032, 152.825 by changing the saturation by 10% instead.

 84, 71.032,
152.825

 84, 71.032,
152.825


 100, 71.032,
152.825


 74, 71.032,
152.825

 64, 71.032,
152.825

 54, 71.032,
152.825

 44, 71.032,
152.825

 34, 71.032,
152.825

 24, 71.032,
152.825

 14, 71.032,

152.825

■ 4, 71.032, 152.825

■ 0, 71.032, 152.825

■ 84, 71.032,
152.825

■ 84, 71.032,
152.825

■ 83, 78.107,
150.860

■ 85, 62.971,
154.575

■ 83, 84.175,
148.699

■ 86, 54.028,
156.118


■ 83, 88.448,
146.888

■ 87, 44.360,
157.474

■ 88, 34.153,
158.665


■ 90, 23.595,

159.720

 92, 12.855,
160.667

 94, 2.079, 161.680

 96, 8.182, 339.691

 96, 10.945,
324.794

Harmonies

Complementary

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



84, 71.032, 152.825



57, 72.630, 350.555

Rectangle

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



84, 71.032, 152.825



84, 71.032, 202.825



84, 71.032, 332.825



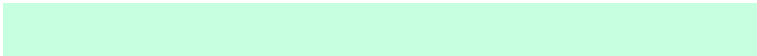
84, 71.032, 22.825

Sweetspot

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



84, 71.033, 152.825



96, 25.064, 159.706



86, 85.897, 124.518



50, 16.822, 159.430



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 71.033, 152.825



89, 85.377, 149.933



86, 44.811, 190.705



49, 6.161, 160.890



66, 72.320, 147.290



20, 29.231, 151.041

Inverse Universe

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



57, 72.630, 350.555



57, 83.438, 354.258



55, 73.652, 27.992



47, 6.228, 342.344



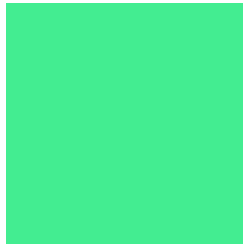
40, 66.786, 358.345



8, 29.848, 352.636

Previews

White Background



This preview shows how the CIE LCh color 84, 71.032, 152.825 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 84, 71.032, 152.825 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 84, 71.032, 152.825

Background



This preview shows how black text looks on a background with the CIELCh color 84, 71.032, 152.825.

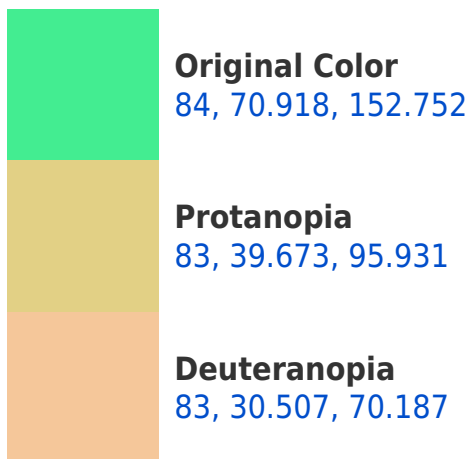


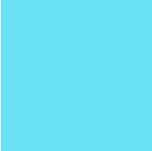
This preview shows how white text looks on a background with the CIELCh color 84, 71.032, 152.825.

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



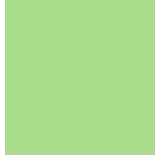


Tritanopia
84, 34.567, 213.422

Trichromacy



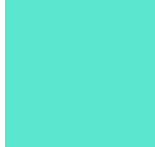
Original Color
84, 70.918, 152.752



Protanomaly
82, 46.398, 131.725



Deuteranomaly
82, 34.864, 128.855



Tritanomaly
84, 42.696, 180.651

Monochromacy



Original Color
84, 70.918, 152.752



Achromatopsia
72, 0.009, 296.813



Achromatomaly
75, 28.760, 159.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 71.032, 152.825 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(67, 237, 145)` looks like.

```
.text, #text, p{  
    color:rgb(67, 237, 145)  
}
```

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(67, 237, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 237, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 71.032, 152.825 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(67, 237, 145) }
```

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

```
.border{ border-color:rgb(67, 237, 145) }
```

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

Here you see how a box with a 4 pixel rgb(67, 237, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 237, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 237, 145);  
box-shadow:4px 4px 4px 4px rgb(67, 237,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 71.032, 152.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 237, 145) }
```

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

```
.background{ background-color: rgb(67, 237,  
145) }
```

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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