

Converting Colors

CIELCh(83, 70.921, 125.245)

Have a look what the booklet for
CIELCh(83, 70.921, 125.245)
contains.

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Color

CIELCh(83, 70.936, 125.367)

Conversions

Conversions Part 1

Format	Color
Hex	A2E15B
RGB	162, 225, 91
RGB Percent	64%, 88%, 36%
CMY	0.3654, 0.1184, 0.6438
CMYK	0.28, 0.00, 0.60, 0.12
HSL	88°, 69%, 62%
HSV	88°, 60%, 88%
XYZ	43.6175, 62.1629, 19.5572
YIQ	190.8870, 5.4660, -55.0300

Conversions

Conversions Part 2

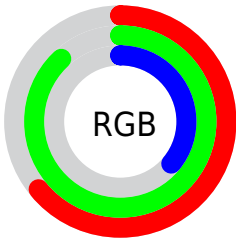
Format	Color
RYB	91, 225, 154
Decimal	10674523
CIELab	83.00, -41.06, 57.85
CIELCh	83, 70.936, 125.367
Yxy	62.1629, 0.3480, 0.4960
Android (android.graphics.Color)	4288864603 (0xFFA2E15B)
YUV	190.8870, -49.2443, -25.3339
Hunter-Lab	78.8435, -39.2269, 40.4835

Details

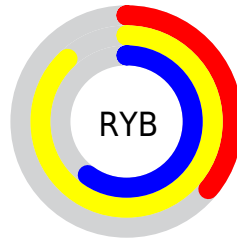
The CIELCh color **83, 70.936, 125.367** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **52, 78.230, 311.214**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 56.294, 120.052**, and **63, 70.899, 125.270** is the 20% darker color. If you saturate the color by 10%, you get **82, 80.654, 125.245**, and if you desaturate by 10%, it is **84, 60.075, 125.694**.

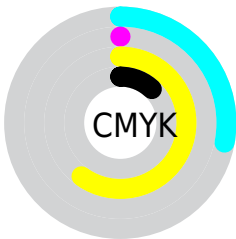
Distribution



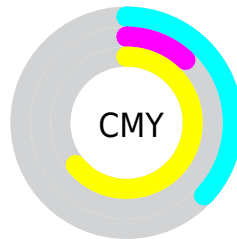
- Red (64%)
- Green (88%)
- Blue (36%)



- Red (36%)
- Yellow (88%)
- Blue (60%)



- Cyan (28%)
- Magenta (0%)
- Yellow (60%)
- Black (12%)





- Cyan (37%)
- Magenta (12%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 70.936, 125.367 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 83, 70.936, 125.367 by changing the saturation by 10% instead.


 83, 70.936,
125.367


 83, 70.936,
125.367


 100, 70.936,
125.367


 73, 70.936,
125.367

 63, 70.936,
125.367

 53, 70.936,
125.367

 43, 70.936,
125.367

 33, 70.936,
125.367

 23, 70.936,
125.367

 13, 70.936,

125.367

■ 3, 70.936, 125.367

■ 0, 70.936, 125.367

■ 83, 70.936,
125.367

■ 83, 70.936,
125.367

■ 82, 80.654,
125.245

■ 84, 60.075,
125.694

■ 82, 88.703,
125.445

■ 85, 48.483,
126.129

■ 81, 94.582,
126.093

■ 86, 36.456,
126.614

■ 81, 98.286,
127.190

■ 87, 24.196,
127.109

■ 81, 98.419,

■ 88, 11.844,

127.234

127.594

■ 90, 0.504, 307.804

■ 91, 12.779,
308.450

■ 92, 17.401,
316.681

■ 93, 18.879,
325.080

Harmonies

Complementary

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



83, 70.936, 125.367



52, 78.230, 311.214

Rectangle

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



83, 70.936, 125.367



83, 70.936, 175.367



83, 70.936, 305.367



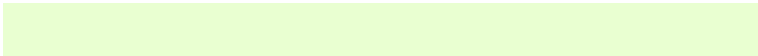
83, 70.936, 355.367

Sweetspot

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



83, 70.937, 125.368



97, 24.614, 127.182



69, 47.824, 64.649



52, 17.100, 127.037



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 70.937, 125.368



92, 91.497, 125.264



80, 81.551, 138.674



47, 6.995, 127.602



64, 81.744, 126.965



17, 30.533, 126.876

Inverse Universe

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



52, 78.230, 311.214



51, 103.246, 311.712



60, 80.989, 326.401



44, 7.097, 308.448



27, 95.035, 311.281



4, 33.273, 309.185

Previews

White Background



This preview shows how the CIELCh color 83, 70.936, 125.367 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 83, 70.936, 125.367 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 83, 70.936, 125.367

Background



This preview shows how black text looks on a background with the CIELCh color 83, 70.936, 125.367.



This preview shows how white text looks on a background with the CIELCh color 83, 70.936, 125.367.

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](#).

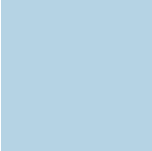
Dichromacy



Original Color
83, 70.936, 125.367

Protanopia
83, 61.574, 95.475

Deuteranopia
83, 56.673, 79.272



Tritanopia
83, 13.308, 241.575

Trichromacy



Original Color
83, 70.936, 125.367



Protanomaly
83, 62.744, 107.779



Deuteranomaly
82, 56.161, 99.066

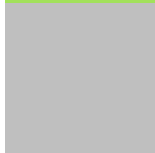


Tritanomaly
83, 25.427, 145.850

Monochromacy



Original Color
83, 70.936, 125.367



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 26.911, 127.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 70.936, 125.367 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(162, 225, 91)` looks like.

```
.text, #text, p{  
    color:rgb(162, 225, 91)  
}
```

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(162, 225, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 225, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 70.936, 125.367 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(162, 225, 91) }
```

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

```
.border{ border-color:rgb(162, 225, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 225, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 225, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 225, 91);  
box-shadow:4px 4px 4px 4px rgb(162, 225,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 70.936, 125.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 225, 91) }
```

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

```
.background{ background-color: rgb(162,  
225, 91) }
```

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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