

Converting Colors

CIELCh(82, 85.389, 147.389)

Have a look what the booklet for
CIELCh(82, 85.389, 147.389)
contains.

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Color

CIELCh(82, 85.350, 147.365)

Conversions

Conversions Part 1

Format	Color
Hex	17EA70
RGB	23, 234, 112
RGB Percent	9%, 92%, 44%
CMY	0.9113, 0.0816, 0.5601
CMYK	0.90, 0.00, 0.52, 0.08
HSL	145°, 84%, 50%
HSV	145°, 90%, 92%
XYZ	32.7519, 60.2982, 25.2885
YIQ	157.0030, -86.5940, -82.6740

Conversions

Conversions Part 2

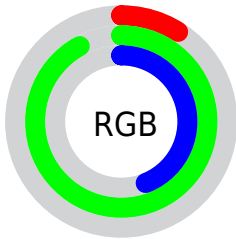
Format	Color
RYB	23, 171, 234
Decimal	1567344
CIELab	82.00, -71.88, 46.03
CIELCh	82, 85.350, 147.365
Yxy	60.2982, 0.2768, 0.5095
Android (android.graphics.Color)	4279757424 (0xFF17EA70)
YUV	157.0030, -22.1865, -117.5206
Hunter-Lab	77.6519, -60.6035, 35.0476

Details

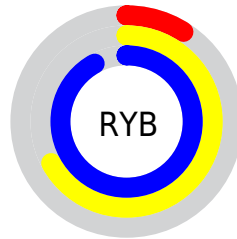
The CIELCh color **82, 85.350, 147.365** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **52, 80.281, 352.401**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 65.242, 151.329**, and **63, 78.229, 142.471** is the 20% darker color. If you saturate the color by 10%, you get **82, 90.689, 145.243**, and if you desaturate by 10%, it is **82, 78.912, 149.468**.

Distribution



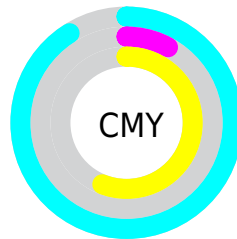
- Red (9%)
- Green (92%)
- Blue (44%)



- Red (9%)
- Yellow (67%)
- Blue (92%)



- Cyan (90%)
- Magenta (0%)
- Yellow (52%)
- Black (8%)





- Cyan (91%)
- Magenta (8%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 85.350, 147.365 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 82, 85.350, 147.365 by changing the saturation by 10% instead.


 82, 85.350,
147.365


 82, 85.350,
147.365


 100, 85.350,
147.365


 72, 85.350,
147.365

 62, 85.350,
147.365

 52, 85.350,
147.365

 42, 85.350,
147.365

 32, 85.350,
147.365

 22, 85.350,
147.365

 12, 85.350,

147.365

■ 2, 85.350, 147.365

■ 0, 85.350, 147.365

■ 82, 85.350,
147.365

■ 82, 85.350,
147.365

■ 82, 90.689,
145.243

■ 82, 78.912,
149.468

■ 83, 71.432,
151.377

■ 84, 62.963,
153.077

■ 85, 53.630,
154.573

■ 86, 43.608,

155.883

■ 87, 33.092,
157.032

■ 89, 22.270,
158.045

■ 91, 11.312,
158.953

■ 93, 0.359, 160.897

Harmonies

Complementary

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



82, 85.350, 147.365



52, 80.281, 352.401

Rectangle

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



82, 85.350, 147.365



82, 85.350, 197.365



82, 85.350, 327.365



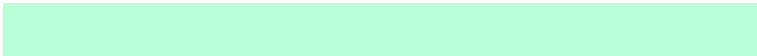
82, 85.350, 17.365

Sweetspot

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



82, 85.350, 147.365



95, 31.614, 157.371



85, 96.352, 124.170



50, 21.262, 157.008



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 85.350, 147.365



88, 96.961, 145.131



84, 49.651, 185.264



48, 6.224, 159.029



65, 74.148, 145.641



19, 29.236, 149.562

Inverse Universe

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



52, 80.281, 352.401



55, 86.286, 355.674



50, 88.108, 33.430



46, 6.281, 340.431



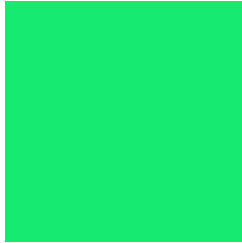
39, 66.947, 354.872



8, 29.492, 349.613

Previews

White Background



This preview shows how the CIELCh color 82, 85.350, 147.365 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 82, 85.350, 147.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

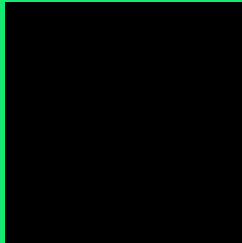
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

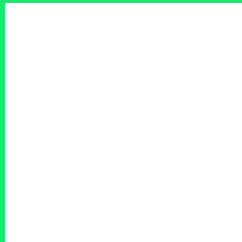
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 85.350, 147.365

Background



This preview shows how black text looks on a background with the CIELCh color 82, 85.350, 147.365.

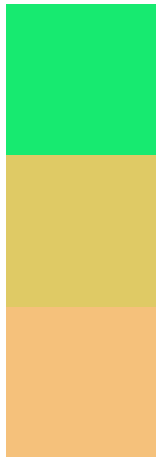


This preview shows how white text looks on a background with the CIELCh color 82, 85.350, 147.365.

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](#).

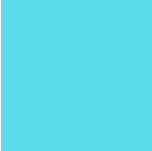
Dichromacy



Original Color
82, 85.311, 147.341

Protanopia
81, 52.628, 95.656

Deuteranopia
81, 43.405, 76.251



Tritanopia
82, 35.790, 211.921

Trichromacy



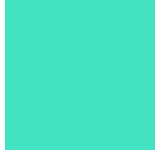
Original Color
82, 85.311, 147.341



Protanomaly
79, 61.130, 129.690



Deuteranomaly
79, 49.361, 126.867



Tritanomaly
82, 48.897, 174.357

Monochromacy



Original Color
82, 85.311, 147.341



Achromatopsia
65, 0.008, 296.813



Achromatomaly
69, 36.962, 156.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 85.350, 147.365 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(23, 234, 112)` looks like.

```
.text, #text, p{  
    color:rgb(23, 234, 112)  
}
```

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(23, 234, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 234, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 85.350, 147.365 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(23, 234, 112) }
```

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

```
.border{ border-color:rgb(23, 234, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 234, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 234, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 234, 112);  
box-shadow:4px 4px 4px 4px rgb(23, 234,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 85.350, 147.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 234, 112) }
```

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

```
.background{ background-color: rgb(23, 234,  
112) }
```

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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