

Converting Colors

CIELCh(82, 73.688, 153.028)

Have a look what the booklet for
CIELCh(82, 73.688, 153.028)
contains.

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Color

CIELCh(82, 73.462, 153.065)

Conversions

Conversions Part 1

Format	Color
Hex	2BE88A
RGB	43, 232, 138
RGB Percent	17%, 91%, 54%
CMY	0.8322, 0.0886, 0.4574
CMYK	0.82, 0.00, 0.40, 0.09
HSL	150°, 81%, 54%
HSV	150°, 82%, 91%
XYZ	34.5736, 60.2982, 34.0018
YIQ	164.7730, -82.4700, -69.3020

Conversions

Conversions Part 2

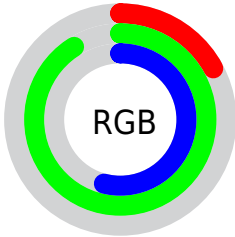
Format	Color
RYB	43, 169, 232
Decimal	2877578
CIELab	82.00, -65.49, 33.28
CIELCh	82, 73.462, 153.065
Yxy	60.2982, 0.2683, 0.4679
Android (android.graphics.Color)	4281067658 (0xFF2BE88A)
YUV	164.7730, -13.1991, -106.7949
Hunter-Lab	77.6519, -56.4159, 28.3948

Details

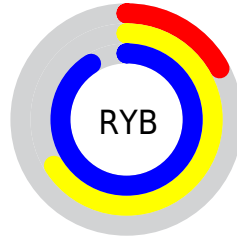
The CIELCh color **82, 73.462, 153.065** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **53, 75.028, 356.178**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 54.470, 159.504**, and **63, 67.205, 149.100** is the 20% darker color. If you saturate the color by 10%, you get **82, 79.130, 150.895**, and if you desaturate by 10%, it is **83, 66.841, 155.029**.

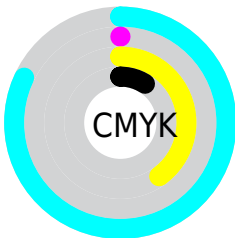
Distribution



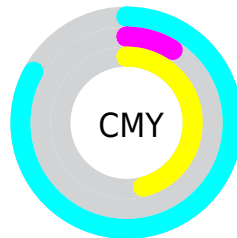
- Red (17%)
- Green (91%)
- Blue (54%)



- Red (17%)
- Yellow (66%)
- Blue (91%)



- Cyan (82%)
- Magenta (0%)
- Yellow (40%)
- Black (9%)





- Cyan (83%)
- Magenta (9%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 73.462, 153.065 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, 73.462, 153.065 by changing the saturation by 10% instead.


 82, 73.462,
153.065


 82, 73.462,
153.065


 100, 73.462,
153.065


 72, 73.462,
153.065

 62, 73.462,
153.065

 52, 73.462,
153.065

 42, 73.462,
153.065

 32, 73.462,
153.065

 22, 73.462,
153.065

 12, 73.462,

153.065

■ 2, 73.462, 153.065

■ 0, 73.462, 153.065

■ 82, 73.462,
153.065

■ 82, 73.462,
153.065

■ 82, 79.130,
150.895

■ 83, 66.841,
155.029

■ 81, 83.292,
148.982


■ 83, 59.277,
156.777


■ 84, 50.862,
158.320

■ 85, 41.741,
159.679

■ 87, 32.089,

160.881

 88, 22.079,
161.951

 90, 11.875,
162.920

 92, 1.616, 164.021

 94, 8.588, 344.465

Harmonies

Complementary

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



82, 73.462, 153.065



53, 75.028, 356.178

Rectangle

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



82, 73.462, 153.065



82, 73.462, 203.065



82, 73.462, 333.065



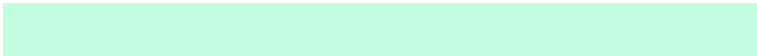
82, 73.462, 23.065

Sweetspot

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



82, 73.463, 153.065



95, 26.434, 161.691



84, 93.276, 126.589



50, 18.118, 161.311



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, 73.463, 153.065



89, 88.549, 149.306



84, 44.923, 196.497



48, 5.867, 163.117



65, 68.520, 149.384



19, 27.119, 153.374

Inverse Universe

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



53, 75.028, 356.178



55, 84.373, 2.478



51, 84.361, 34.699



46, 5.944, 344.622



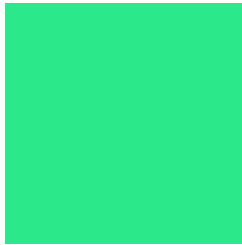
39, 65.499, 2.315



8, 28.570, 355.520

Previews

White Background



This preview shows how the CIE LCh color 82, 73.462, 153.065 looks on a white background.

Color Contrast Check

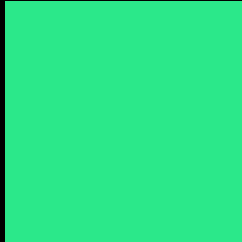
Large Text (above 18pt) WCAG AA × Fail

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, 73.462, 153.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

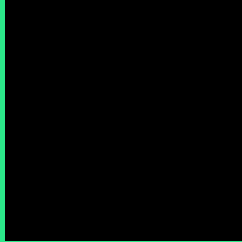
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 73.462, 153.065

Background



This preview shows how black text looks on a background with the CIELCh color 82, 73.462, 153.065.

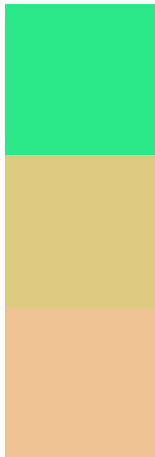


This preview shows how white text looks on a background with the CIELCh color 82, 73.462, 153.065.

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](#).

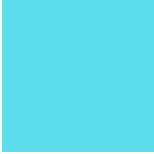
Dichromacy



Original Color
82, 73.387, 153.020

Protanopia
81, 40.357, 95.878

Deuteranopia
81, 31.289, 71.691



Tritanopia
82, 35.625, 212.000

Trichromacy



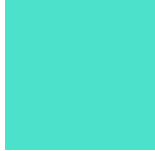
Original Color
82, 73.387, 153.020



Protanomaly
80, 48.552, 133.403



Deuteranomaly
79, 37.067, 131.899



Tritanomaly
82, 44.592, 180.381

Monochromacy



Original Color
82, 73.387, 153.020



Achromatopsia
68, 0.008, 296.813



Achromatomaly
72, 31.469, 159.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 73.462, 153.065 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(43, 232, 138)` looks like.

```
.text, #text, p{  
    color:rgb(43, 232, 138)  
}
```

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(43, 232, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 232, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 73.462, 153.065 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(43, 232, 138) }
```

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

```
.border{ border-color:rgb(43, 232, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 232, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 232, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 232, 138);  
box-shadow:4px 4px 4px 4px rgb(43, 232,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 73.462, 153.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 232, 138) }
```

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

```
.background{ background-color: rgb(43, 232,  
138) }
```

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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