

Converting Colors

CIELCh(82, 69.144, 158.413)

Have a look what the booklet for
CIELCh(82, 69.144, 158.413)
contains.

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Color

CIELCh(82, 68.897, 158.578)

Conversions

Conversions Part 1

Format	Color
Hex	0EE89A
RGB	14, 232, 154
RGB Percent	5%, 91%, 60%
CMY	0.9439, 0.0891, 0.3951
CMYK	0.94, 0.00, 0.34, 0.09
HSL	159°, 88%, 48%
HSV	159°, 94%, 91%
XYZ	34.9690, 60.2982, 40.4729
YIQ	157.9260, -104.8900, -70.4740

Conversions

Conversions Part 2

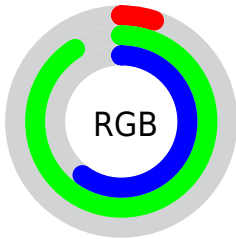
Format	Color
RYB	14, 147, 232
Decimal	977050
CIELab	82.00, -64.14, 25.16
CIELCh	82, 68.897, 158.578
Yxy	60.2982, 0.2576, 0.4442
Android (android.graphics.Color)	4279167130 (0xFF0EE89A)
YUV	157.9260, -1.9355, -126.2231
Hunter-Lab	77.6519, -55.5069, 23.4538

Details

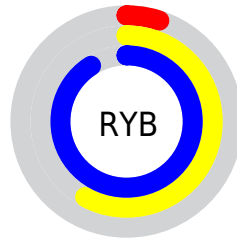
The CIELCh color **82, 68.897, 158.578** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **50, 78.218, 13.328**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 50.420, 168.080**, and **63, 61.237, 153.817** is the 20% darker color. If you saturate the color by 10%, you get **82, 71.161, 157.192**, and if you desaturate by 10%, it is **82, 64.708, 160.744**.

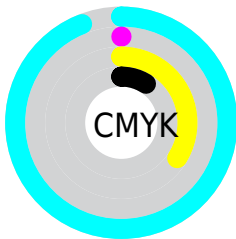
Distribution



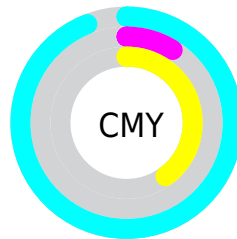
- Red (5%)
- Green (91%)
- Blue (60%)



- Red (5%)
- Yellow (58%)
- Blue (91%)



- Cyan (94%)
- Magenta (0%)
- Yellow (34%)
- Black (9%)




- Cyan (94%)
- Magenta (9%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 68.897, 158.578 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, 68.897, 158.578 by changing the saturation by 10% instead.


 82, 68.897,
158.578

 82, 68.897,
158.578


 100, 68.897,
158.578


 72, 68.897,
158.578

 62, 68.897,
158.578

 52, 68.897,
158.578

 42, 68.897,
158.578

 32, 68.897,
158.578

 22, 68.897,
158.578

 12, 68.897,

158.578

■ 2, 68.897, 158.578

■ 0, 68.897, 158.578

■ 82, 68.897,
158.578

■ 82, 68.897,
158.578

■ 82, 71.161,
157.192

■ 82, 64.708,
160.744

■ 83, 59.629,
162.703

■ 83, 53.619,
164.453

■ 84, 46.725,
166.011

■ 85, 39.053,

167.401

■ 87, 30.748,
168.649

■ 88, 21.968,
169.780

■ 90, 12.867,
170.822

■ 91, 3.585, 171.869

Harmonies

Complementary

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



82, 68.897, 158.578



50, 78.218, 13.328

Rectangle

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



82, 68.897, 158.578



82, 68.897, 208.578



82, 68.897, 338.578



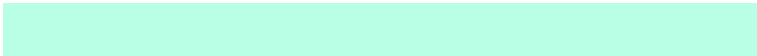
82, 68.897, 28.578

Sweetspot

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



82, 68.897, 158.578



95, 27.677, 169.306



82, 103.814, 131.411



50, 18.986, 168.809



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

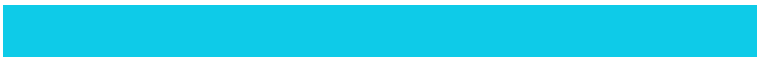
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 68.897, 158.578



89, 76.540, 157.065



75, 40.570, 219.968



48, 5.335, 171.262



65, 58.644, 157.589



19, 23.543, 161.446

Inverse Universe

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



50, 78.218, 13.328



54, 86.049, 16.926



51, 91.072, 41.051



46, 5.456, 352.903



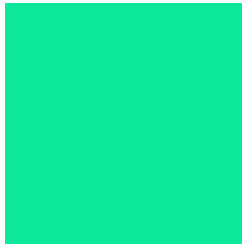
38, 66.239, 15.630



7, 27.846, 5.767

Previews

White Background



This preview shows how the CIELCh color 82, 68.897, 158.578 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, 68.897, 158.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

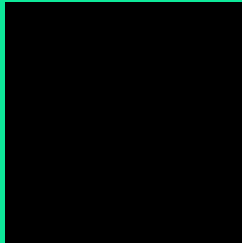
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 68.897, 158.578

Background



This preview shows how black text looks on a background with the CIELCh color 82, 68.897, 158.578.

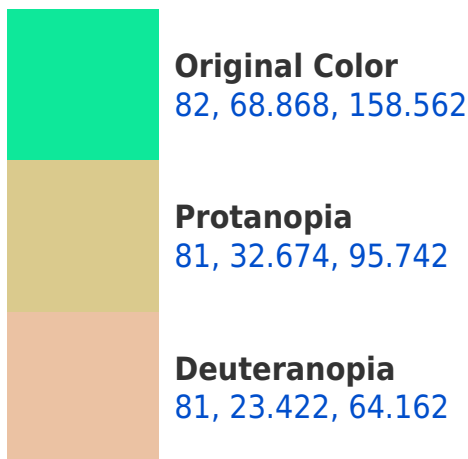


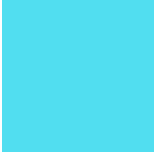
This preview shows how white text looks on a background with the CIELCh color 82, 68.897, 158.578.

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
82, 37.674, 211.908

Trichromacy



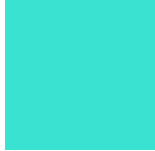
Original Color
82, 68.868, 158.562



Protanomaly
79, 43.796, 142.892



Deuteranomaly
79, 32.354, 145.338



Tritanomaly
82, 45.649, 184.833

Monochromacy



Original Color
82, 68.868, 158.562



Achromatopsia
65, 0.008, 296.813



Achromatomaly
70, 31.648, 167.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 68.897, 158.578 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(14, 232, 154)` looks like.

```
.text, #text, p{  
    color:rgb(14, 232, 154)  
}
```

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(14, 232, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 232, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 68.897, 158.578 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(14, 232, 154) }
```

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

```
.border{ border-color:rgb(14, 232, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 232, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 232, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 232, 154);  
box-shadow:4px 4px 4px 4px rgb(14, 232,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 68.897, 158.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 232, 154) }
```

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

```
.background{ background-color: rgb(14, 232,  
154) }
```

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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