

Converting Colors

CIELCh(81, 75.519, 152.009)

Have a look what the booklet for
CIELCh(81, 75.519, 152.009)
contains.

CIELCh(81, 75.750, 151.882)	3
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Color

CIELCh(81, 75.750, 151.882)

Conversions

Conversions Part 1

Format	Color
Hex	21E683
RGB	33, 230, 131
RGB Percent	13%, 90%, 51%
CMY	0.8719, 0.0986, 0.4867
CMYK	0.86, 0.00, 0.43, 0.10
HSL	150°, 80%, 51%
HSV	150°, 86%, 90%
XYZ	32.9639, 58.4711, 30.9782
YIQ	159.8110, -85.6330, -72.5530

Conversions

Conversions Part 2

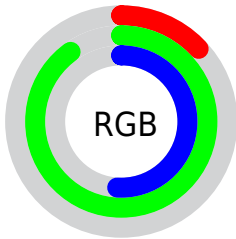
Format	Color
RYB	33, 165, 230
Decimal	2221699
CIELab	81.00, -66.81, 35.70
CIELCh	81, 75.750, 151.882
Yxy	58.4711, 0.2693, 0.4777
Android (android.graphics.Color)	4280411779 (0xFF21E683)
YUV	159.8110, -14.2038, -111.2132
Hunter-Lab	76.4664, -56.8666, 29.5068

Details

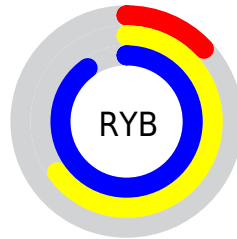
The CIELCh color **81, 75.750, 151.882** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **51, 75.982, 357.015**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 57.926, 157.454**, and **62, 68.961, 147.454** is the 20% darker color. If you saturate the color by 10%, you get **81, 81.044, 149.642**, and if you desaturate by 10%, it is **81, 69.533, 153.932**.

Distribution



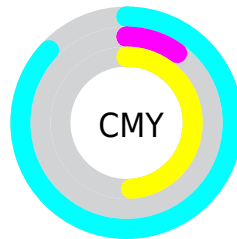
- Red (13%)
- Green (90%)
- Blue (51%)



- Red (13%)
- Yellow (65%)
- Blue (90%)



- Cyan (86%)
- Magenta (0%)
- Yellow (43%)
- Black (10%)





- Cyan (87%)
- Magenta (10%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 75.750, 151.882 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 81, 75.750, 151.882 by changing the saturation by 10% instead.


 81, 75.750,
151.882


 81, 75.750,
151.882


 100, 75.750,
151.882


 71, 75.750,
151.882

 61, 75.750,
151.882

 51, 75.750,
151.882

 41, 75.750,
151.882

 31, 75.750,
151.882

 21, 75.750,
151.882

 11, 75.750,

151.882

■ 1, 75.750, 151.882

■ 0, 75.750, 151.882

■ 81, 75.750,
151.882

■ 81, 75.750,
151.882

■ 81, 81.044,
149.642

■ 81, 69.533,
153.932

■ 81, 83.093,
148.696

■ 82, 62.362,
155.767

■ 83, 54.301,
157.391

■ 84, 45.476,
158.822

■ 85, 36.052,

160.084

■ 87, 26.206,
161.203

■ 88, 16.106,
162.206

■ 90, 5.899, 163.144

■ 92, 4.292, 343.769

Harmonies

Complementary

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



81, 75.750, 151.882



51, 75.982, 357.015

Rectangle

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



81, 75.750, 151.882



81, 75.750, 201.882



81, 75.750, 331.882



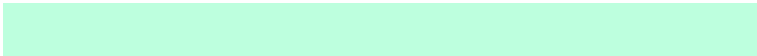
81, 75.750, 21.882

Sweetspot

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



81, 75.750, 151.882



95, 28.736, 161.165



83, 94.626, 126.261



50, 19.430, 160.788



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 75.750, 151.882



88, 90.140, 148.554



83, 45.678, 194.204



47, 5.787, 162.799



64, 68.188, 149.108



18, 26.319, 153.331

Inverse Universe

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



51, 75.982, 357.015



55, 84.650, 2.752



49, 86.633, 35.317



45, 5.861, 344.292



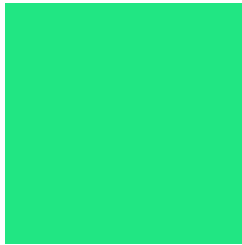
38, 64.880, 1.696



7, 27.631, 354.783

Previews

White Background



This preview shows how the CIELCh color 81, 75.750, 151.882 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 81, 75.750, 151.882 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 81, 75.750, 151.882

Background



This preview shows how black text looks on a background with the CIELCh color 81, 75.750, 151.882.

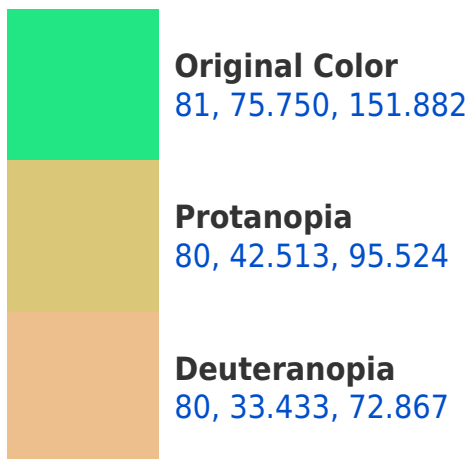


This preview shows how white text looks on a background with the CIELCh color 81, 75.750, 151.882.

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
81, 35.695, 211.987

Trichromacy



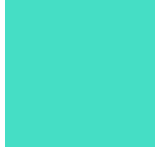
Original Color
81, 75.750, 151.882



Protanomaly
79, 50.809, 133.010



Deuteranomaly
78, 39.375, 131.540



Tritanomaly
80, 45.433, 179.151

Monochromacy



Original Color
81, 75.750, 151.882



Achromatopsia
66, 0.008, 296.813



Achromatomaly
70, 32.462, 159.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 75.750, 151.882 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(33, 230, 131)` looks like.

```
.text, #text, p{  
    color:rgb(33, 230, 131)  
}
```

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(33, 230, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 230, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 75.750, 151.882 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(33, 230, 131) }
```

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

```
.border{ border-color:rgb(33, 230, 131) }
```

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

Here you see how a box with a 4 pixel rgb(33, 230, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 230, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 230, 131);  
box-shadow:4px 4px 4px 4px rgb(33, 230,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 75.750, 151.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 230, 131) }
```

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

```
.background{ background-color: rgb(33, 230,  
131) }
```

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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