

Converting Colors

CIELCh(81, 74.317, 154.150)

Have a look what the booklet for
CIELCh(81, 74.317, 154.150)
contains.

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Color

CIELCh(81, 74.457, 154.043)

Conversions

Conversions Part 1

Format	Color
Hex	08E689
RGB	8, 230, 137
RGB Percent	3%, 90%, 54%
CMY	0.9678, 0.0979, 0.4626
CMYK	0.96, 0.00, 0.40, 0.10
HSL	155°, 93%, 47%
HSV	155°, 96%, 90%
XYZ	32.9256, 58.4711, 33.2282
YIQ	153.0200, -102.4590, -75.9870

Conversions

Conversions Part 2

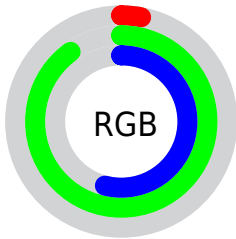
Format	Color
RYB	8, 148, 230
Decimal	583305
CIELab	81.00, -66.95, 32.59
CIElCh	81, 74.457, 154.043
Yxy	58.4711, 0.2642, 0.4692
Android (android.graphics.Color)	4278773385 (0xFF08E689)
YUV	153.0200, -7.8979, -127.1825
Hunter-Lab	76.4664, -56.9560, 27.7622

Details

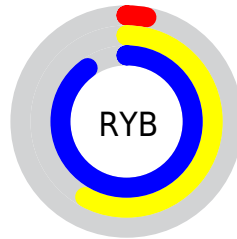
The CIELCh color **81, 74.457, 154.043** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **49, 77.566, 8.835**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 56.837, 160.437**, and **62, 66.609, 149.120** is the 20% darker color. If you saturate the color by 10%, you get **81, 75.961, 153.235**, and if you desaturate by 10%, it is **81, 69.918, 156.297**.

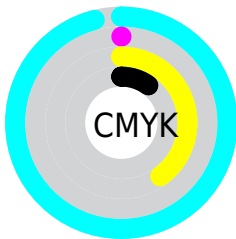
Distribution



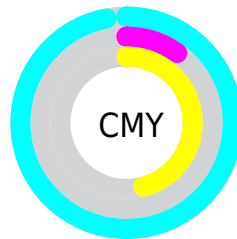
- Red (3%)
- Green (90%)
- Blue (54%)



- Red (3%)
- Yellow (58%)
- Blue (90%)



- Cyan (96%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)





- Cyan (97%)
- Magenta (10%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 74.457, 154.043 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, 74.457, 154.043 by changing the saturation by 10% instead.


 81, 74.457,
154.043


 81, 74.457,
154.043


 100, 74.457,
154.043


 71, 74.457,
154.043

 61, 74.457,
154.043

 51, 74.457,
154.043

 41, 74.457,
154.043

 31, 74.457,
154.043

 21, 74.457,
154.043

 11, 74.457,

154.043

■ 1, 74.457, 154.043

■ 0, 74.457, 154.043

■ 81, 74.457,
154.043

■ 81, 74.457,
154.043

■ 81, 75.961,
153.235

■ 81, 69.918,
156.297

■ 82, 64.511,
158.354

■ 82, 58.179,
160.195

■ 83, 50.960,
161.829

■ 84, 42.958,

163.277

■ 85, 34.320,
164.566

■ 87, 25.208,
165.721

■ 88, 15.783,
166.768

■ 90, 6.190, 167.756

Harmonies

Complementary

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



81, 74.457, 154.043



49, 77.566, 8.835

Rectangle

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



81, 74.457, 154.043



81, 74.457, 204.043



81, 74.457, 334.043



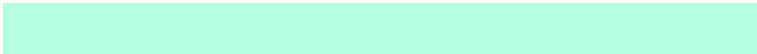
81, 74.457, 24.043

Sweetspot

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



81, 74.457, 154.043



95, 29.987, 165.416



82, 102.030, 129.924



50, 20.468, 164.922



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, 74.457, 154.043



89, 82.340, 153.093



79, 42.440, 207.513



47, 5.458, 167.456



64, 62.338, 153.651



18, 24.245, 157.841

Inverse Universe

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



49, 77.566, 8.835



54, 84.702, 10.915



49, 93.819, 39.924



45, 5.556, 349.042



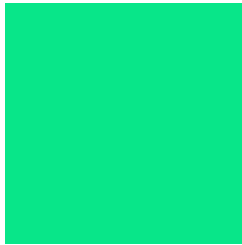
38, 64.704, 9.656



7, 27.004, 0.950

Previews

White Background



This preview shows how the CIE LCh color 81, 74.457, 154.043 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, 74.457, 154.043 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, 74.457, 154.043

Background



This preview shows how black text looks on a background with the CIELCh color 81, 74.457, 154.043.

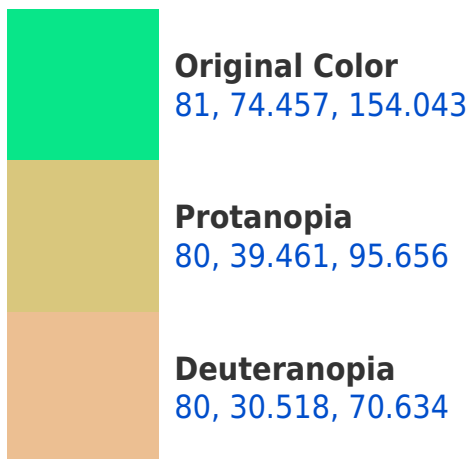


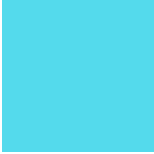
This preview shows how white text looks on a background with the CIELCh color 81, 74.457, 154.043.

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](#).

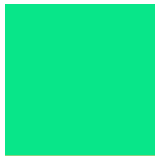
Dichromacy





Tritanopia
81, 36.490, 212.499

Trichromacy



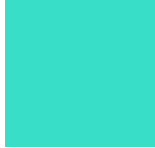
Original Color
81, 74.457, 154.043



Protanomaly
78, 49.996, 138.040



Deuteranomaly
78, 38.428, 138.282



Tritanomaly
80, 46.281, 181.466

Monochromacy



Original Color
81, 74.457, 154.043



Achromatopsia
63, 0.008, 296.813



Achromatomaly
68, 34.253, 163.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 74.457, 154.043 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(8, 230, 137)` looks like.

```
.text, #text, p{  
    color:rgb(8, 230, 137)  
}
```

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(8, 230, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 230, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 74.457, 154.043 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(8, 230, 137) }
```

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

```
.border{ border-color:rgb(8, 230, 137) }
```

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

Here you see how a box with a 4 pixel rgb(8, 230, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 230, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 230, 137);  
box-shadow:4px 4px 4px 4px rgb(8, 230,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 74.457, 154.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 230, 137) }
```

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

```
.background{ background-color: rgb(8, 230,  
137) }
```

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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