

Converting Colors

CIELCh(85, 81.827, 150.757)

Have a look what the booklet for
CIELCh(85, 81.827, 150.757)
contains.

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Color

CIELCh(85, 81.685, 150.852)

Conversions

Conversions Part 1

Format	Color
Hex	18F385
RGB	24, 243, 133
RGB Percent	9%, 95%, 52%
CMY	0.9055, 0.0469, 0.4783
CMYK	0.90, 0.00, 0.45, 0.05
HSL	150°, 90%, 52%
HSV	150°, 90%, 95%
XYZ	36.6731, 66.0070, 33.0066
YIQ	164.9790, -95.2140, -80.6380

Conversions

Conversions Part 2

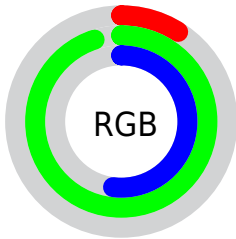
Format	Color
RYB	24, 170, 243
Decimal	1635205
CIELab	85.00, -71.34, 39.79
CIELCh	85, 81.685, 150.852
Yxy	66.0070, 0.2703, 0.4865
Android (android.graphics.Color)	4279825285 (0xFF18F385)
YUV	164.9790, -15.7656, -123.6386
Hunter-Lab	81.2447, -61.6051, 32.7840

Details

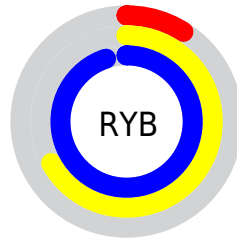
The CIELCh color **85, 81.685, 150.852** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **53, 80.421, 358.570**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 57.015, 158.072**, and **66, 74.394, 146.230** is the 20% darker color. If you saturate the color by 10%, you get **85, 86.848, 148.592**, and if you desaturate by 10%, it is **85, 75.627, 153.000**.

Distribution



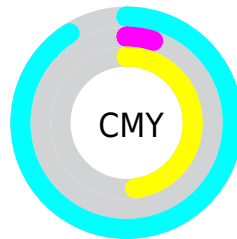
- Red (9%)
- Green (95%)
- Blue (52%)



- Red (9%)
- Yellow (67%)
- Blue (95%)



- Cyan (90%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)





- Cyan (91%)
- Magenta (5%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 81.685, 150.852 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 85, 81.685, 150.852 by changing the saturation by 10% instead.


 85, 81.685,
150.852


 85, 81.685,
150.852


 100, 81.685,
150.852


 75, 81.685,
150.852

 65, 81.685,
150.852

 55, 81.685,
150.852

 45, 81.685,
150.852

 35, 81.685,
150.852

 25, 81.685,
150.852

 15, 81.685,

150.852

■ 5, 81.685, 150.852

■ 0, 81.685, 150.852

■ 85, 81.685,
150.852

■ 85, 81.685,
150.852

■ 85, 86.848,
148.592

■ 85, 75.627,
153.000

■ 86, 68.568,
154.940

■ 87, 60.536,
156.663

■ 88, 51.635,
158.182

■ 89, 42.027,

159.519

■ 90, 31.893,
160.701

■ 92, 21.417,
161.754

■ 94, 10.765,
162.711

■ 96, 0.079, 169.477

Harmonies

Complementary

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



85, 81.685, 150.852



53, 80.421, 358.570

Rectangle

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



85, 81.685, 150.852



85, 81.685, 200.852



85, 81.685, 330.852



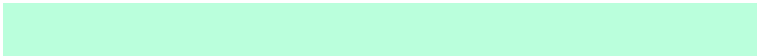
85, 81.685, 20.852

Sweetspot

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



85, 81.685, 150.852



95, 29.833, 161.031



87, 101.153, 126.638



50, 20.049, 160.656



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 81.685, 150.852



88, 90.188, 148.528



87, 48.221, 194.078



50, 6.104, 162.766



66, 70.493, 149.007



21, 29.183, 152.584

Inverse Universe

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



53, 80.421, 358.570



55, 84.656, 2.702



52, 94.246, 36.947



48, 6.182, 344.270



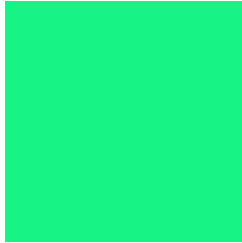
40, 66.924, 1.789



9, 30.280, 355.707

Previews

White Background



This preview shows how the CIE LCh color 85, 81.685, 150.852 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 85, 81.685, 150.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

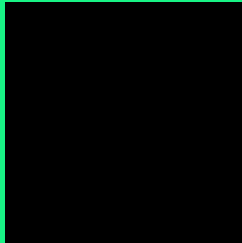
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

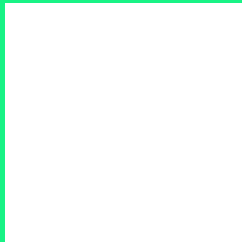
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 81.685, 150.852

Background



This preview shows how black text looks on a background with the CIELCh color 85, 81.685, 150.852.

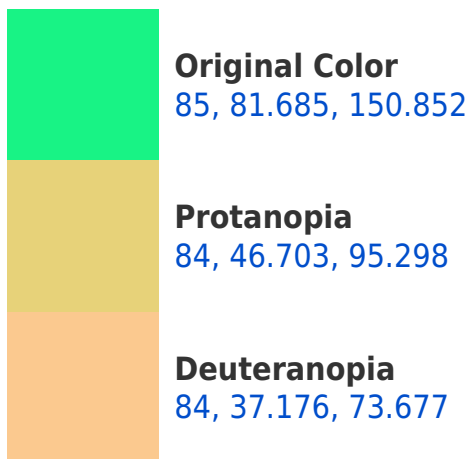


This preview shows how white text looks on a background with the CIELCh color 85, 81.685, 150.852.

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
85, 37.395, 212.844

Trichromacy



Original Color
85, 81.685, 150.852



Protanomaly
82, 55.986, 132.948



Deuteranomaly
81, 44.173, 131.594

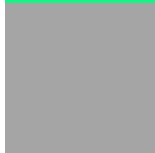


Tritanomaly
85, 48.583, 178.435

Monochromacy



Original Color
85, 81.685, 150.852



Achromatopsia
68, 0.008, 296.813



Achromatomaly
72, 35.691, 159.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 81.685, 150.852 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(24, 243, 133)` looks like.

```
.text, #text, p{  
    color:rgb(24, 243, 133)  
}
```

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(24, 243, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 243, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 81.685, 150.852 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(24, 243, 133) }
```

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

```
.border{ border-color:rgb(24, 243, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 243, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 243, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 243, 133);  
box-shadow:4px 4px 4px 4px rgb(24, 243,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 81.685, 150.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 243, 133) }
```

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

```
.background{ background-color: rgb(24, 243,  
133) }
```

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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