

Converting Colors

CIELCh(85, 75.774, 154.541)

Have a look what the booklet for
CIELCh(85, 75.774, 154.541)
contains.

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Color

CIELCh(85, 75.479, 154.683)

Conversions

Conversions Part 1

Format	Color
Hex	1BF294
RGB	27, 242, 148
RGB Percent	11%, 95%, 58%
CMY	0.8953, 0.0501, 0.4188
CMYK	0.89, 0.00, 0.39, 0.05
HSL	154°, 89%, 53%
HSV	154°, 89%, 95%
XYZ	37.6214, 66.0070, 38.8562
YIQ	166.9990, -97.9660, -74.8140

Conversions

Conversions Part 2

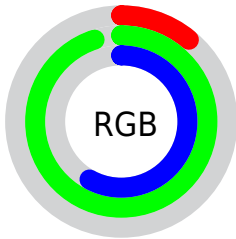
Format	Color
RYB	27, 165, 242
Decimal	1831572
CIELab	85.00, -68.23, 32.28
CIELCh	85, 75.479, 154.683
Yxy	66.0070, 0.2640, 0.4633
Android (android.graphics.Color)	4280021652 (0xFF1BF294)
YUV	166.9990, -9.3665, -122.7791
Hunter-Lab	81.2447, -59.5215, 28.5152

Details

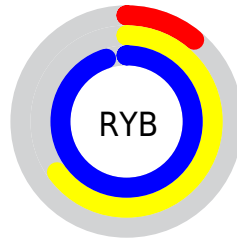
The CIELCh color **85, 75.479, 154.683** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **53, 78.998, 3.949**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 51.431, 164.721**, and **66, 68.111, 150.270** is the 20% darker color. If you saturate the color by 10%, you get **85, 80.175, 152.389**, and if you desaturate by 10%, it is **85, 69.940, 156.810**.

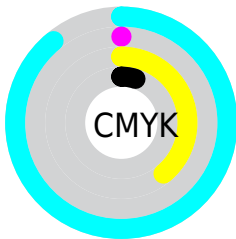
Distribution



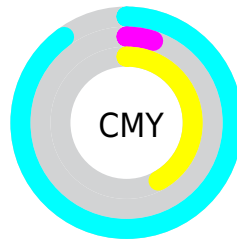
- Red (11%)
- Green (95%)
- Blue (58%)



- Red (11%)
- Yellow (65%)
- Blue (95%)



- Cyan (89%)
- Magenta (0%)
- Yellow (39%)
- Black (5%)





- Cyan (90%)
- Magenta (5%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 75.479, 154.683 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, 75.479, 154.683 by changing the saturation by 10% instead.


 85, 75.479,
154.683


 85, 75.479,
154.683


 100, 75.479,
154.683


 75, 75.479,
154.683

 65, 75.479,
154.683

 55, 75.479,
154.683

 45, 75.479,
154.683

 35, 75.479,
154.683

 25, 75.479,
154.683

 15, 75.479,

154.683

■ 5, 75.479, 154.683

■ 0, 75.479, 154.683

■ 85, 75.479,
154.683

■ 85, 75.479,
154.683

■ 85, 80.175,
152.389

■ 85, 69.940,
156.810

■ 85, 80.634,
152.160


■ 86, 63.434,
158.722


■ 87, 55.980,
160.420

■ 88, 47.674,
161.922

■ 89, 38.666,

163.255

 90, 29.125,
164.442

 92, 19.225,
165.512

 94, 9.124, 166.500

 96, 1.043, 346.846

Harmonies

Complementary

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



85, 75.479, 154.683



53, 78.998, 3.949

Rectangle

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



85, 75.479, 154.683



85, 75.479, 204.683



85, 75.479, 334.683



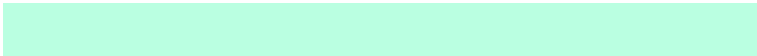
85, 75.479, 24.683

Sweetspot

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



85, 75.479, 154.683



95, 28.343, 164.655



86, 102.430, 128.717



50, 19.031, 164.270



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, 75.479, 154.683



89, 83.948, 152.091



84, 44.579, 204.014



49, 5.724, 166.452



66, 64.949, 152.598



20, 26.435, 156.362

Inverse Universe

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



53, 78.998, 3.949



54, 84.526, 9.233



52, 92.781, 38.264



47, 5.820, 348.030



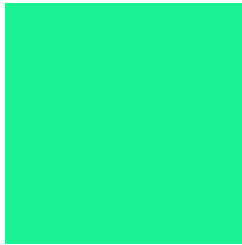
39, 65.989, 8.122



8, 28.984, 0.604

Previews

White Background



This preview shows how the CIE LCh color 85, 75.479, 154.683 looks on a white background.

Color Contrast Check

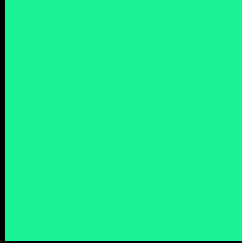
Large Text (above 18pt) WCAG AA × Fail

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, 75.479, 154.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

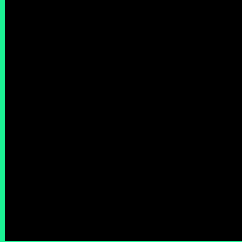
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 75.479, 154.683

Background



This preview shows how black text looks on a background with the CIELCh color 85, 75.479, 154.683.

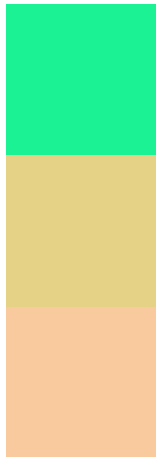


This preview shows how white text looks on a background with the CIELCh color 85, 75.479, 154.683.

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

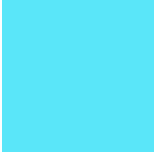
85, 75.433, 154.658

Protanopia

84, 39.698, 95.387

Deuteranopia

84, 29.976, 69.711



Tritanopia
85, 37.854, 212.623

Trichromacy



Original Color
85, 75.433, 154.658



Protanomaly
82, 49.596, 137.235



Deuteranomaly
82, 37.911, 136.656

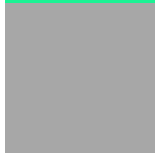


Tritanomaly
84, 47.008, 181.923

Monochromacy



Original Color
85, 75.433, 154.658



Achromatopsia
68, 0.008, 296.813



Achromatomaly
73, 33.256, 163.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 75.479, 154.683 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(27, 242, 148)` looks like.

```
.text, #text, p{  
    color:rgb(27, 242, 148)  
}
```

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(27, 242, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 242, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 75.479, 154.683 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(27, 242, 148) }
```

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

```
.border{ border-color:rgb(27, 242, 148) }
```

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

Here you see how a box with a 4 pixel rgb(27, 242, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 242, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 242, 148);  
box-shadow:4px 4px 4px 4px rgb(27, 242,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 75.479, 154.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 242, 148) }
```

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

```
.background{ background-color: rgb(27, 242,  
148) }
```

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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