

Converting Colors

CIELCh(89, 74.842, 157.354)

Have a look what the booklet for
CIELCh(89, 74.842, 157.354)
contains.

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Color

CIELCh(89, 74.524, 157.528)

Conversions

Conversions Part 1

Format	Color
Hex	1BFEA6
RGB	27, 254, 166
RGB Percent	11%, 100%, 65%
CMY	0.8924, 0.0022, 0.3475
CMYK	0.89, 0.00, 0.35, 0.00
HSL	157°, 100%, 55%
HSV	157°, 89%, 100%
XYZ	42.9611, 74.1641, 48.3168
YIQ	176.0950, -107.0440, -75.4920

Conversions

Conversions Part 2

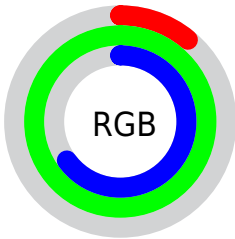
Format	Color
R _Y B	27, 168, 254
Decimal	1834662
CIE Lab	89.00, -68.87, 28.49
CIE LCh	89, 74.524, 157.528
Yxy	74.1641, 0.2597, 0.4483
Android (android.graphics.Color)	4280024742 (0xFF1BFEA6)
YUV	176.0950, -4.9768, -130.7563
Hunter-Lab	86.1186, -61.6611, 27.0184

Details

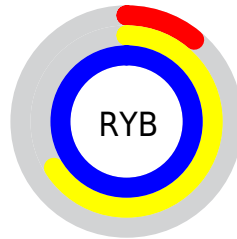
The CIELCh color **89, 74.524, 157.528** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **55, 82.060, 8.510**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 45.021, 174.237**, and **70, 67.361, 153.235** is the 20% darker color. If you saturate the color by 10%, you get **89, 78.893, 155.238**, and if you desaturate by 10%, it is **89, 69.304, 159.647**.

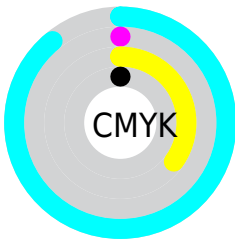
Distribution



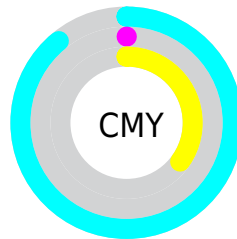
- Red (11%)
- Green (100%)
- Blue (65%)



- Red (11%)
- Yellow (66%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 74.524, 157.528 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 89, 74.524, 157.528 by changing the saturation by 10% instead.


 89, 74.524,
157.528

 89, 74.524,
157.528


 100, 74.524,
157.528

 79, 74.524,
157.528

 69, 74.524,
157.528

 59, 74.524,
157.528

 49, 74.524,
157.528

 39, 74.524,
157.528

 29, 74.524,
157.528


 19, 74.524,

157.528

 9, 74.524, 157.528


 0, 74.524, 157.528


 89, 74.524,
157.528


 89, 74.524,
157.528


 89, 78.893,
155.238

 89, 69.304,
159.647

 89, 79.220,
155.062

 90, 63.088,
161.550

 91, 55.880,
163.243

 92, 47.769,
164.747

 93, 38.897,

166.086

■ 94, 29.435,
167.287

■ 96, 19.558,
168.376

■ 98, 9.430, 169.389

100, 0.360,
323.594

Harmonies

Complementary

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



89, 74.524, 157.528



55, 82.060, 8.510

Rectangle

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



89, 74.524, 157.528



89, 74.524, 207.528



89, 74.524, 337.528



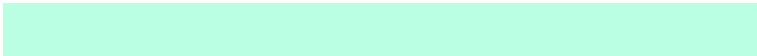
89, 74.524, 27.528

Sweetspot

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



89, 74.524, 157.528



95, 27.322, 167.537



89, 108.166, 130.199



50, 18.332, 167.149



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

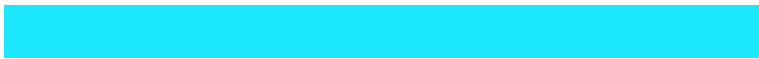
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 74.524, 157.528



89, 79.357, 155.059



84, 44.128, 212.711



52, 5.826, 169.360



69, 63.413, 155.492



23, 27.579, 158.678

Inverse Universe

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



55, 82.060, 8.510



54, 85.255, 14.019



56, 95.167, 39.606



50, 5.945, 350.996



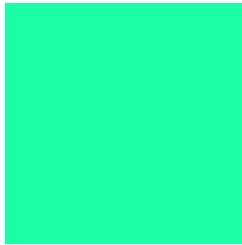
41, 68.494, 12.991



10, 31.286, 5.827

Previews

White Background



This preview shows how the CIE LCh color 89, 74.524, 157.528 looks on a white background.

Color Contrast Check

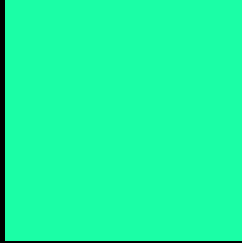
Large Text (above 18pt) WCAG AA × Fail

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 89, 74.524, 157.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

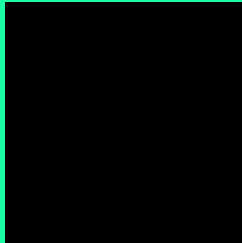
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 74.524, 157.528

Background



This preview shows how black text looks on a background with the CIELCh color 89, 74.524, 157.528.

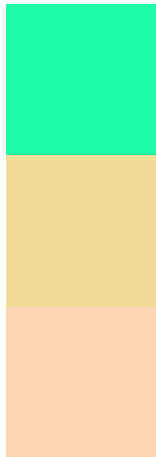


This preview shows how white text looks on a background with the CIELCh color 89, 74.524, 157.528.

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

89, 74.482, 157.506

Protanopia

88, 36.312, 95.642

Deuteranopia

88, 23.608, 64.529

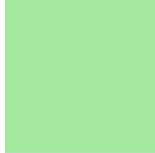


Tritanopia
89, 32.335, 212.598

Trichromacy



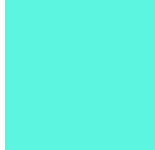
Original Color
89, 74.482, 157.506



Protanomaly
86, 47.359, 140.543



Deuteranomaly
86, 34.145, 144.741

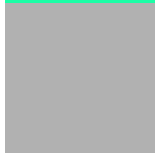


Tritanomaly
88, 45.212, 181.704

Monochromacy



Original Color
89, 74.482, 157.506



Achromatopsia
72, 0.009, 296.813



Achromatomaly
77, 33.339, 165.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 74.524, 157.528 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, 254, 166)` looks like.

```
.text, #text, p{  
    color:rgb(27, 254, 166)  
}
```

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, 254, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 254, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 74.524, 157.528 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, 254, 166) }
```

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

```
.border{ border-color:rgb(27, 254, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 254, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(27, 254, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(27, 254, 166); box-shadow:4px 4px 4px 4px rgb(27, 254, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 74.524, 157.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 254, 166) }
```

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

```
.background{ background-color: rgb(27, 254,  
166) }
```

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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