

Converting Colors

CIELCh(77, 88.513, 144.080)

Have a look what the booklet for
CIELCh(77, 88.513, 144.080)
contains.

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Color

CIELCh(77, 88.389, 144.088)

Conversions

Conversions Part 1

Format	Color
Hex	03DB56
RGB	3, 219, 86
RGB Percent	1%, 86%, 34%
CMY	0.9889, 0.1399, 0.6615
CMYK	0.99, 0.00, 0.61, 0.14
HSL	143°, 97%, 44%
HSV	143°, 99%, 86%
XYZ	27.1457, 51.5317, 17.3848
YIQ	139.2540, -86.0430, -87.1550

Conversions

Conversions Part 2

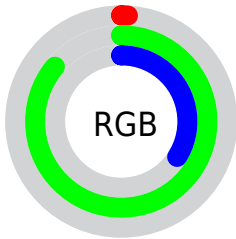
Format	Color
RYB	3, 159, 219
Decimal	252758
CIELab	77.00, -71.59, 51.84
CIELCh	77, 88.389, 144.088
Yxy	51.5317, 0.2826, 0.5364
Android (android.graphics.Color)	4278442838 (0xFF03DB56)
YUV	139.2540, -26.2542, -119.4948
Hunter-Lab	71.7856, -58.1251, 35.8912

Details

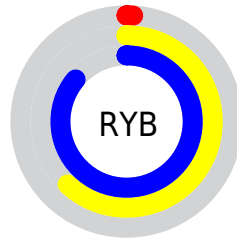
The CIELCh color **77, 88.389, 144.088** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **48, 78.296, 351.669**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 76.584, 145.646**, and **58, 80.508, 138.422** is the 20% darker color. If you saturate the color by 10%, you get **77, 89.060, 143.827**, and if you desaturate by 10%, it is **77, 82.847, 146.220**.

Distribution



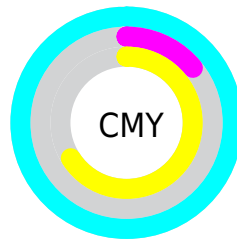
- Red (1%)
- Green (86%)
- Blue (34%)



- Red (1%)
- Yellow (62%)
- Blue (86%)



- Cyan (99%)
- Magenta (0%)
- Yellow (61%)
- Black (14%)



- Cyan (99%)
- Magenta (14%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 88.389, 144.088 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 77, 88.389, 144.088 by changing the saturation by 10% instead.


 77, 88.389,
144.088

 77, 88.389,
144.088

 100, 88.389,
144.088

 67, 88.389,
144.088

 97, 88.389,
144.088

 57, 88.389,
144.088

 47, 88.389,
144.088

 37, 88.389,
144.088

 27, 88.389,
144.088

 17, 88.389,
144.088

 7, 88.389, 144.088

■ 0, 88.389, 144.088

■ 77, 88.389,
144.088

■ 77, 88.389,
144.088

■ 77, 89.060,
143.827

■ 77, 82.847,
146.220

■ 78, 76.315,
148.245

■ 78, 68.753,
150.084

■ 79, 60.242,
151.721

■ 80, 50.926,
153.159

■ 81, 40.987,
154.416

■ 83, 30.617,
155.515

■ 84, 19.998,
156.482

■ 86, 9.291, 157.350

Harmonies

Complementary

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



77, 88.389, 144.088



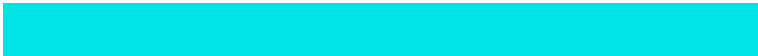
48, 78.296, 351.669

Rectangle

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



77, 88.389, 144.088



77, 88.389, 194.088



77, 88.389, 324.088



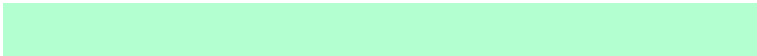
77, 88.389, 14.088

Sweetspot

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



77, 88.389, 144.088



94, 36.121, 155.355



80, 93.425, 123.693



49, 24.576, 154.896



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 88.389, 144.088



88, 100.232, 143.630



79, 49.986, 180.187



45, 6.055, 157.289



62, 74.119, 144.200



15, 26.943, 148.886

Inverse Universe

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



48, 78.296, 351.669



56, 87.659, 352.316



46, 87.356, 34.990



43, 6.101, 338.632



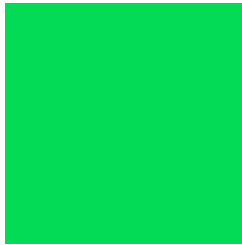
38, 65.939, 351.517



6, 26.557, 346.490

Previews

White Background



This preview shows how the CIELCh color 77, 88.389, 144.088 looks on a white background.

Color Contrast Check

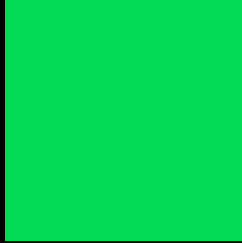
Large Text (above 18pt) WCAG AA × Fail

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 77, 88.389, 144.088 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 77, 88.389, 144.088

Background



This preview shows how black text looks on a background with the CIELCh color 77, 88.389, 144.088.




This preview shows how white text looks on a background with the CIELCh color 77, 88.389, 144.088.

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
77, 33.656, 212.154

Trichromacy



Original Color
77, 88.341, 144.056



Protanomaly
74, 66.259, 127.876



Deuteranomaly
73, 55.120, 125.262



Tritanomaly
76, 49.076, 171.255

Monochromacy



Original Color
77, 88.341, 144.056



Achromatopsia
58, 0.007, 296.813



Achromatomaly
63, 39.502, 153.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 88.389, 144.088 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(3, 219, 86)` looks like.

```
.text, #text, p{  
    color:rgb(3, 219, 86)  
}
```

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(3, 219, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 219, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 88.389, 144.088 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(3, 219, 86) }
```

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

```
.border{ border-color:rgb(3, 219, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 219, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 219, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 219, 86);  
box-shadow:4px 4px 4px 4px rgb(3, 219, 86)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 77, 88.389, 144.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 219, 86) }
```

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

```
.background{ background-color: rgb(3, 219,  
86) }
```

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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