

Converting Colors

CIELCh(77, 88.421, 143.949)

Have a look what the booklet for
CIELCh(77, 88.421, 143.949)
contains.

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Color

CIELCh(77, 88.244, 143.993)

Conversions

Conversions Part 1

Format	Color
Hex	08DB56
RGB	8, 219, 86
RGB Percent	3%, 86%, 34%
CMY	0.9668, 0.1401, 0.6618
CMYK	0.96, 0.00, 0.61, 0.14
HSL	142°, 93%, 45%
HSV	142°, 96%, 86%
XYZ	27.1960, 51.5317, 17.3688
YIQ	140.7490, -83.0630, -86.0950

Conversions

Conversions Part 2

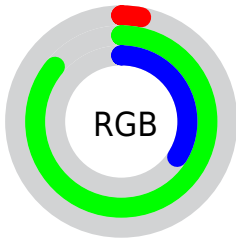
Format	Color
RYB	8, 162, 219
Decimal	580438
CIELab	77.00, -71.38, 51.88
CIELCh	77, 88.244, 143.993
Yxy	51.5317, 0.2830, 0.5362
Android (android.graphics.Color)	4278770518 (0xFF08DB56)
YUV	140.7490, -26.9913, -116.4209
Hunter-Lab	71.7856, -57.9999, 35.9045

Details

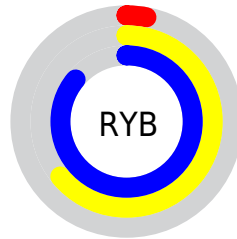
The CIELCh color **77, 88.244, 143.993** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **49, 78.841, 349.600**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 76.430, 145.528**, and **58, 80.508, 138.422** is the 20% darker color. If you saturate the color by 10%, you get **77, 90.284, 143.207**, and if you desaturate by 10%, it is **77, 82.413, 146.095**.

Distribution



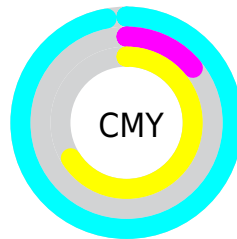
- Red (3%)
- Green (86%)
- Blue (34%)



- Red (3%)
- Yellow (64%)
- Blue (86%)



- Cyan (96%)
- Magenta (0%)
- Yellow (61%)
- Black (14%)



- Cyan (97%)
- Magenta (14%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 88.244, 143.993 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, 88.244, 143.993 by changing the saturation by 10% instead.


 77, 88.244,
143.993

 77, 88.244,
143.993


 100, 88.244,
143.993

 67, 88.244,
143.993

 97, 88.244,
143.993

 57, 88.244,
143.993

 47, 88.244,
143.993

 37, 88.244,
143.993

 27, 88.244,
143.993

 17, 88.244,
143.993

 7, 88.244, 143.993

■ 0, 88.244, 143.993

■ 77, 88.244,
143.993

■ 77, 88.244,
143.993

■ 77, 90.284,
143.207

■ 77, 82.413,
146.095

■ 78, 75.514,
148.059

■ 78, 67.577,
149.835

■ 79, 58.707,
151.411

■ 80, 49.069,
152.792

■ 81, 38.853,
153.998

■ 83, 28.257,
155.052

■ 84, 17.461,
155.979

■ 86, 6.619, 156.824

Harmonies

Complementary

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



77, 88.244, 143.993



49, 78.841, 349.600

Rectangle

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



77, 88.244, 143.993



77, 88.244, 193.993



77, 88.244, 323.993



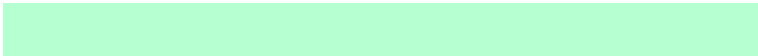
77, 88.244, 13.993

Sweetspot

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



77, 88.244, 143.993



94, 35.390, 154.740



80, 92.137, 122.692



50, 24.225, 154.285



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, 88.244, 143.993



88, 101.631, 143.012



79, 50.607, 178.543



45, 6.130, 156.549



62, 75.160, 143.573



15, 27.301, 148.275

Inverse Universe

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



49, 78.841, 349.600



56, 88.371, 350.887



46, 84.809, 32.854



43, 6.173, 337.871



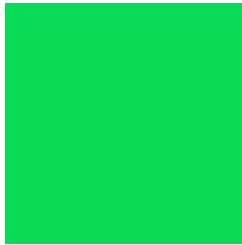
38, 66.485, 350.140



6, 26.822, 345.415

Previews

White Background



This preview shows how the CIELCh color 77, 88.244, 143.993 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, 88.244, 143.993 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, 88.244, 143.993

Background



This preview shows how black text looks on a background with the CIELCh color 77, 88.244, 143.993.



This preview shows how white text looks on a background with the CIELCh color 77, 88.244, 143.993.

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

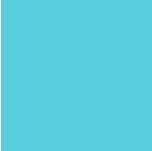
77, 88.219, 143.977

Protanopia

76, 57.869, 95.578

Deuteranopia

76, 49.044, 78.356



Tritanopia
77, 33.486, 212.242

Trichromacy



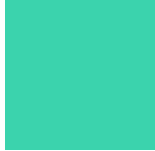
Original Color
77, 88.219, 143.977



Protanomaly
74, 65.944, 127.310



Deuteranomaly
73, 54.836, 124.516



Tritanomaly
76, 48.708, 171.087

Monochromacy



Original Color
77, 88.219, 143.977



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 38.810, 153.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 88.244, 143.993 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, 219, 86)` looks like.

```
.text, #text, p{  
    color:rgb(8, 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(8, 219, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 219, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 88.244, 143.993 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, 219, 86) }
```

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

```
.border{ border-color:rgb(8, 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(8, 219, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 219, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 219, 86);  
box-shadow:4px 4px 4px 4px rgb(8, 219, 86)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 77, 88.244, 143.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 219, 86) }
```

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

```
.background{ background-color: rgb(8, 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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