

Converting Colors

CIELCh(77, 75.115, 141.141)

Have a look what the booklet for
CIELCh(77, 75.115, 141.141)
contains.

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Color

CIELCh(77, 75.350, 141.089)

Conversions

Conversions Part 1

Format	Color
Hex	58D761
RGB	88, 215, 97
RGB Percent	35%, 84%, 38%
CMY	0.6549, 0.1569, 0.6196
CMYK	0.59, 0.00, 0.55, 0.16
HSL	124°, 61%, 59%
HSV	124°, 59%, 84%
XYZ	30.4779, 51.5317, 19.6470
YIQ	163.5750, -37.8140, -63.6220

Conversions

Conversions Part 2

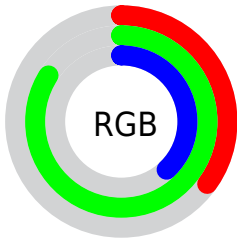
Format	Color
RYB	88, 207, 215
Decimal	5822305
CIELab	77.00, -58.63, 47.33
CIELCh	77, 75.350, 141.089
Yxy	51.5317, 0.2998, 0.5069
Android (android.graphics.Color)	4284012385 (0xFF58D761)
YUV	163.5750, -32.8215, -66.2793
Hunter-Lab	71.7856, -49.8394, 34.0229

Details

The CIELCh color **77, 75.350, 141.089** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **58, 74.338, 329.668**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 65.386, 141.443**, and **57, 74.960, 140.879** is the 20% darker color. If you saturate the color by 10%, you get **76, 85.482, 139.804**, and if you desaturate by 10%, it is **78, 63.888, 142.300**.

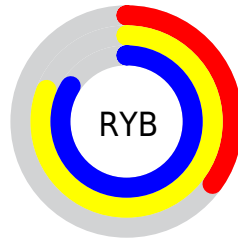
Distribution



Red (35%)

Green (84%)

Blue (38%)



Red (35%)

Yellow (81%)

Blue (84%)

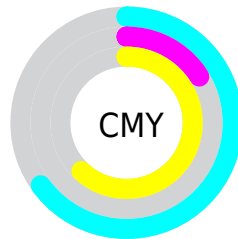


Cyan (59%)

Magenta (0%)

Yellow (55%)

Black (16%)



Cyan (65%)


Magenta (16%)

Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 75.350, 141.089 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, 75.350, 141.089 by changing the saturation by 10% instead.

 77, 75.350,
141.089

 77, 75.350,
141.089

 100, 75.350,
141.089

 67, 75.350,
141.089

 97, 75.350,
141.089

 57, 75.350,
141.089

 47, 75.350,
141.089

 37, 75.350,
141.089

 27, 75.350,
141.089

 17, 75.350,
141.089

 7, 75.350, 141.089

■ 0, 75.350, 141.089

■ 77, 75.350,
141.089

■ 77, 75.350,
141.089

■ 76, 85.482,
139.804

■ 78, 63.888,
142.300

■ 76, 93.846,
138.529

■ 79, 51.496,
143.390

■ 75, 100.023,
137.393

■ 81, 38.527,
144.345

■ 75, 103.790,
136.561

■ 82, 25.273,
145.171

■ 75, 104.033,
136.515

■ 84, 11.965,
145.886

■ 86, 1.222, 326.222

■ 88, 14.162,
326.947

■ 90, 25.064,
325.297

Harmonies

Complementary

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



77, 75.350, 141.089



58, 74.338, 329.668

Rectangle

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



77, 75.350, 141.089



77, 75.350, 191.089



77, 75.350, 321.089



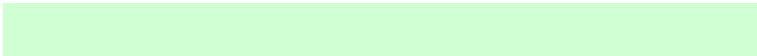
77, 75.350, 11.089

Sweetspot

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



77, 75.351, 141.089



96, 27.385, 145.239



83, 63.151, 107.935



51, 19.042, 145.012



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, 75.351, 141.089



89, 99.936, 139.465



78, 50.806, 160.636



44, 7.463, 145.862



61, 87.369, 136.650



14, 31.026, 142.261

Inverse Universe

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



58, 74.338, 329.668



64, 97.068, 330.246



55, 55.398, 355.014



42, 7.477, 326.918



40, 81.000, 331.252



6, 31.296, 330.474

Previews

White Background



This preview shows how the CIELCh color 77, 75.350, 141.089 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, 75.350, 141.089 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, 75.350, 141.089

Background



This preview shows how black text looks on a background with the CIELCh color 77, 75.350, 141.089.

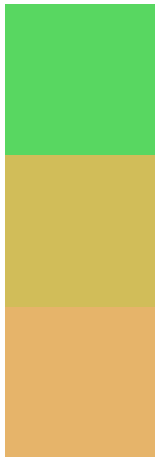


This preview shows how white text looks on a background with the CIELCh color 77, 75.350, 141.089.

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, 75.350, 141.089

Protanopia

76, 52.455, 95.709

Deuteranopia

76, 45.359, 77.799



Tritanopia
77, 26.615, 216.717

Trichromacy



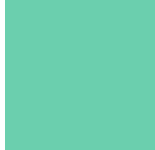
Original Color
77, 75.350, 141.089



Protanomaly
76, 56.014, 119.322



Deuteranomaly
75, 47.218, 113.403



Tritanomaly
77, 37.892, 168.700

Monochromacy



Original Color
77, 75.350, 141.089



Achromatopsia
67, 0.008, 296.813



Achromatomaly
70, 29.576, 145.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 75.350, 141.089 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(88, 215, 97)` looks like.

```
.text, #text, p{  
    color:rgb(88, 215, 97)  
}
```

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(88, 215, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 215, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 75.350, 141.089 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(88, 215, 97) }
```

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

```
.border{ border-color:rgb(88, 215, 97) }
```

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

Here you see how a box with a 4 pixel rgb(88, 215, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 215, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 215, 97);  
box-shadow:4px 4px 4px 4px rgb(88, 215,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 75.350, 141.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 215, 97) }
```

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

```
.background{ background-color: rgb(88, 215,  
97) }
```

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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