

Converting Colors

CIELCh(75, 82.941, 140.782)

Have a look what the booklet for
CIELCh(75, 82.941, 140.782)
contains.

CIELCh(75, 82.941, 140.782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 82.941, 140.782)

Conversions

Conversions Part 1

Format	Color
Hex	3FD350
RGB	63, 211, 80
RGB Percent	25%, 83%, 31%
CMY	0.7524, 0.1722, 0.6859
CMYK	0.70, 0.00, 0.62, 0.17
HSL	127°, 63%, 54%
HSV	127°, 70%, 83%
XYZ	26.8277, 48.2781, 15.5117
YIQ	151.8140, -46.1570, -72.1170

Conversions

Conversions Part 2

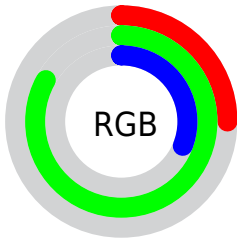
Format	Color
RYB	63, 196, 211
Decimal	4182864
CIELab	75.00, -64.26, 52.44
CIELCh	75, 82.941, 140.782
Yxy	48.2781, 0.2961, 0.5328
Android (android.graphics.Color)	4282372944 (0xFF3FD350)
YUV	151.8140, -35.4043, -77.8899
Hunter-Lab	69.4824, -52.6741, 35.4014

Details

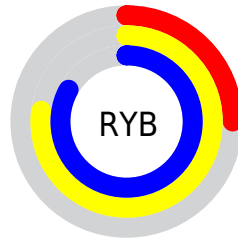
The CIELCh color **75, 82.941, 140.782** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **53, 80.511, 331.813**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 75.153, 141.215**, and **56, 79.125, 137.787** is the 20% darker color. If you saturate the color by 10%, you get **74, 91.093, 139.378**, and if you desaturate by 10%, it is **76, 73.212, 142.152**.

Distribution



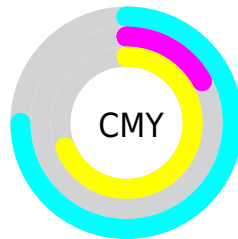
- Red (25%)
- Green (83%)
- Blue (31%)



- Red (25%)
- Yellow (77%)
- Blue (83%)



- Cyan (70%)
- Magenta (0%)
- Yellow (62%)
- Black (17%)





- Cyan (75%)
- Magenta (17%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 82.941, 140.782 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 75, 82.941, 140.782 by changing the saturation by 10% instead.


 75, 82.941,
140.782


 75, 82.941,
140.782


 100, 82.941,
140.782


 65, 82.941,
140.782


 95, 82.941,
140.782

 55, 82.941,
140.782

 45, 82.941,
140.782

 35, 82.941,
140.782

 25, 82.941,
140.782

 15, 82.941,
140.782

 5, 82.941, 140.782

■ 0, 82.941, 140.782

■ 75, 82.941,
140.782

■ 75, 82.941,
140.782

■ 74, 91.093,
139.378

■ 76, 73.212,
142.152

■ 74, 97.326,
138.049

■ 77, 62.269,
143.417

■ 74, 101.436,
136.993

■ 78, 50.459,
144.546

■ 79, 38.095,
145.531

■ 81, 25.446,
146.382

■ 83, 12.729,
147.119

■ 85, 0.111, 150.391

■ 87, 12.286,
328.222

■ 89, 24.380,
328.690

Harmonies

Complementary

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



75, 82.941, 140.782



53, 80.511, 331.813

Rectangle

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



75, 82.941, 140.782



75, 82.941, 190.782



75, 82.941, 320.782



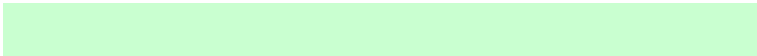
75, 82.941, 10.782

Sweetspot

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



75, 82.941, 140.782



95, 31.003, 146.292



81, 71.482, 108.990



50, 20.989, 146.063



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 82.941, 140.782



88, 108.805, 138.720



76, 55.540, 160.771



43, 7.095, 147.167



60, 85.310, 137.177



13, 28.820, 143.985

Inverse Universe

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



53, 80.511, 331.813



60, 102.234, 332.616



51, 61.929, 0.111



41, 7.111, 328.243



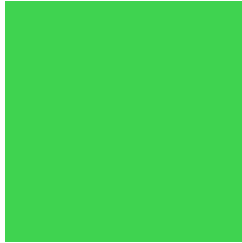
39, 77.429, 333.355



5, 28.492, 331.919

Previews

White Background



This preview shows how the CIELCh color 75, 82.941, 140.782 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 75, 82.941, 140.782 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 75, 82.941, 140.782

Background



This preview shows how black text looks on a background with the CIELCh color 75, 82.941, 140.782.

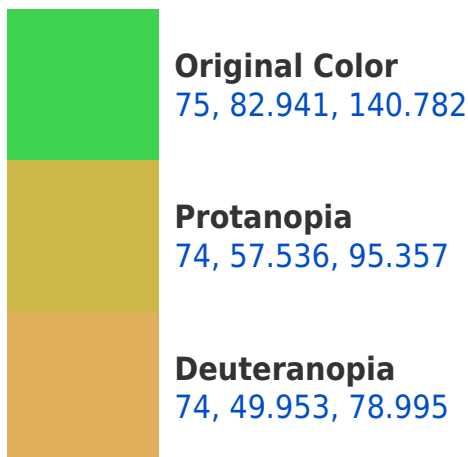


This preview shows how white text looks on a background with the CIELCh color 75, 82.941, 140.782.

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
75, 29.181, 214.874

Trichromacy



Original Color
75, 82.941, 140.782



Protanomaly
73, 62.054, 120.225



Deuteranomaly
72, 52.485, 114.951



Tritanomaly
75, 42.686, 167.502

Monochromacy



Original Color
75, 82.941, 140.782



Achromatopsia
63, 0.008, 296.813



Achromatomaly
66, 33.013, 145.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 82.941, 140.782 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(63, 211, 80)` looks like.

```
.text, #text, p{  
    color:rgb(63, 211, 80)  
}
```

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(63, 211, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 211, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 82.941, 140.782 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(63, 211, 80) }
```

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

```
.border{ border-color:rgb(63, 211, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 211, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 211, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 211, 80);  
box-shadow:4px 4px 4px 4px rgb(63, 211,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 82.941, 140.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 211, 80) }
```

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

```
.background{ background-color: rgb(63, 211,  
80) }
```

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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