

Converting Colors

CIELCh(70, 82.855, 141.229)

Have a look what the booklet for
CIELCh(70, 82.855, 141.229)
contains.

CIELCh(70, 82.888, 141.229)	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(70, 82.888, 141.229)

Conversions

Conversions Part 1

Format	Color
Hex	26C544
RGB	38, 197, 68
RGB Percent	15%, 77%, 27%
CMY	0.8512, 0.2275, 0.7334
CMYK	0.81, 0.00, 0.65, 0.23
HSL	131°, 68%, 46%
HSV	131°, 81%, 77%
XYZ	21.8008, 40.7494, 12.1816
YIQ	134.7530, -53.3550, -73.8270

Conversions

Conversions Part 2

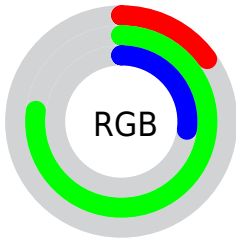
Format	Color
RYB	38, 172, 197
Decimal	2540868
CIELab	70.00, -64.62, 51.91
CIElCh	70, 82.888, 141.229
Yxy	40.7494, 0.2917, 0.5453
Android (android.graphics.Color)	4280730948 (0xFF26C544)
YUV	134.7530, -32.9092, -84.8524
Hunter-Lab	63.8353, -50.7511, 33.3705

Details

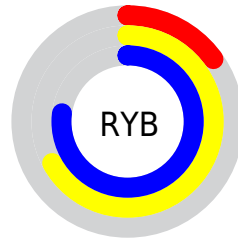
The CIELCh color **70, 82.888, 141.229** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **47, 78.249, 335.730**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 83.063, 141.185**, and **51, 77.021, 136.251** is the 20% darker color. If you saturate the color by 10%, you get **70, 89.069, 139.618**, and if you desaturate by 10%, it is **70, 75.247, 142.815**.

Distribution



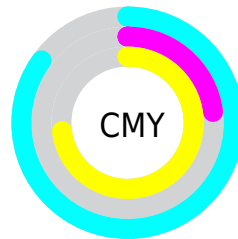
- Red (15%)
- Green (77%)
- Blue (27%)



- Red (15%)
- Yellow (67%)
- Blue (77%)



- Cyan (81%)
- Magenta (0%)
- Yellow (65%)
- Black (23%)





- Cyan (85%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 82.888, 141.229 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 70, 82.888, 141.229 by changing the saturation by 10% instead.


 70, 82.888,
141.229


 70, 82.888,
141.229


 100, 82.888,
141.229


 60, 82.888,
141.229


 90, 82.888,
141.229

 50, 82.888,
141.229

 40, 82.888,
141.229

 30, 82.888,
141.229

 20, 82.888,
141.229

 10, 82.888,
141.229

 0, 82.888, 141.229

■ 70, 82.888,
141.229

■ 70, 82.888,
141.229

■ 70, 89.069,
139.618

■ 70, 75.247,
142.815

■ 70, 93.424,
138.262

■ 71, 66.369,
144.294

■ 72, 56.506,
145.626

■ 73, 45.918,
146.800

■ 74, 34.852,
147.820

■ 76, 23.529,
148.702

■ 78, 12.136,
149.470

■ 79, 0.816, 150.467

■ 81, 10.321,
330.631

Harmonies

Complementary

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



70, 82.888, 141.229



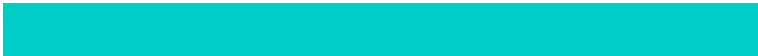
47, 78.249, 335.730

Rectangle

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



70, 82.888, 141.229



70, 82.888, 191.229



70, 82.888, 321.229



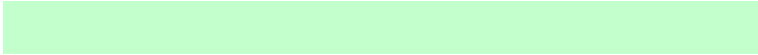
70, 82.888, 11.229

Sweetspot

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



70, 82.888, 141.229



95, 33.596, 148.396



75, 75.048, 112.993



50, 23.072, 148.075



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 82.888, 141.229



88, 112.649, 138.428



71, 53.103, 164.440



41, 6.457, 149.567



58, 80.821, 138.487



11, 24.248, 147.055

Inverse Universe

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



47, 78.249, 335.730



58, 99.417, 337.392



44, 64.102, 10.424



39, 6.476, 330.688



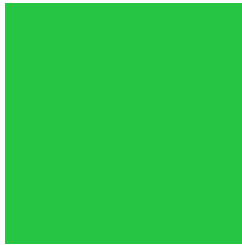
37, 71.555, 337.381



4, 22.671, 334.473

Previews

White Background



This preview shows how the CIELCh color 70, 82.888, 141.229 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 70, 82.888, 141.229 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 70, 82.888, 141.229

Background



This preview shows how black text looks on a background with the CIELCh color 70, 82.888, 141.229.



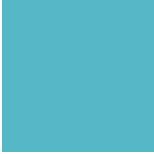
This preview shows how white text looks on a background with the CIELCh color 70, 82.888, 141.229.

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
70, 29.296, 213.808

Trichromacy



Original Color
70, 82.888, 141.229



Protanomaly
68, 62.589, 122.352



Deuteranomaly
67, 52.892, 117.566



Tritanomaly
69, 43.557, 167.463

Monochromacy



Original Color
70, 82.888, 141.229



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 34.675, 147.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 82.888, 141.229 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(38, 197, 68)` looks like.

```
.text, #text, p{  
    color:rgb(38, 197, 68)  
}
```

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(38, 197, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 197, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 82.888, 141.229 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(38, 197, 68) }
```

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

```
.border{ border-color:rgb(38, 197, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 197, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 197, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 197, 68);  
box-shadow:4px 4px 4px 4px rgb(38, 197,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 82.888, 141.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 197, 68) }
```

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

```
.background{ background-color: rgb(38, 197,  
68) }
```

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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