

Converting Colors

CIELCh(70, 86.623, 139.458)

Have a look what the booklet for
CIELCh(70, 86.623, 139.458)
contains.

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Color

CIELCh(70, 86.441, 139.455)

Conversions

Conversions Part 1

Format	Color
Hex	26C539
RGB	38, 197, 57
RGB Percent	15%, 77%, 22%
CMY	0.8493, 0.2266, 0.7756
CMYK	0.81, 0.00, 0.71, 0.23
HSL	127°, 67%, 46%
HSV	127°, 81%, 77%
XYZ	21.5746, 40.7494, 10.6277
YIQ	133.4990, -49.8240, -77.2480

Conversions

Conversions Part 2

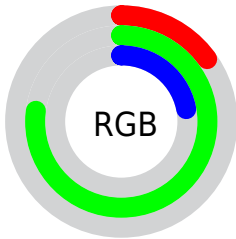
Format	Color
RYB	38, 180, 197
Decimal	2540857
CIELab	70.00, -65.69, 56.19
CIELCh	70, 86.441, 139.455
Yxy	40.7494, 0.2957, 0.5586
Android (android.graphics.Color)	4280730937 (0xFF26C539)
YUV	133.4990, -37.7140, -83.7526
Hunter-Lab	63.8353, -51.3835, 34.8137

Details

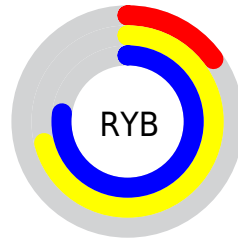
The CIELCh color **70, 86.441, 139.455** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **48, 82.140, 332.519**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 86.256, 139.480**, and **51, 77.464, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **70, 92.352, 138.117**, and if you desaturate by 10%, it is **70, 78.739, 140.865**.

Distribution



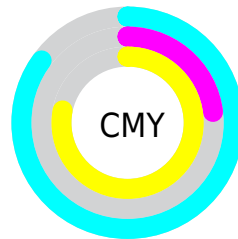
- Red (15%)
- Green (77%)
- Blue (22%)



- Red (15%)
- Yellow (71%)
- Blue (77%)



- Cyan (81%)
- Magenta (0%)
- Yellow (71%)
- Black (23%)





- Cyan (85%)
- Magenta (23%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 86.441, 139.455 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, 86.441, 139.455 by changing the saturation by 10% instead.


 70, 86.441,
139.455

 70, 86.441,
139.455


 100, 86.441,
139.455


 60, 86.441,
139.455


 90, 86.441,
139.455

 50, 86.441,
139.455

 40, 86.441,
139.455

 30, 86.441,
139.455

 20, 86.441,
139.455

 10, 86.441,
139.455

 0, 86.441, 139.455

■ 70, 86.441,
139.455

■ 70, 86.441,
139.455

■ 70, 92.352,
138.117

■ 70, 78.739,
140.865

■ 70, 96.171,
137.092

■ 71, 69.563,
142.236

■ 72, 59.247,
143.502

■ 73, 48.114,
144.631

■ 74, 36.456,
145.617

■ 76, 24.523,
146.470

■ 78, 12.522,
147.208

■ 79, 0.608, 148.275

■ 82, 11.103,
328.316

Harmonies

Complementary

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



70, 86.441, 139.455



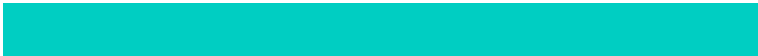
48, 82.140, 332.519

Rectangle

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



70, 86.441, 139.455



70, 86.441, 189.455



70, 86.441, 319.455



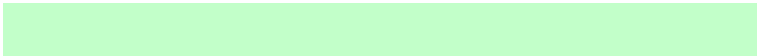
70, 86.441, 9.455

Sweetspot

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



70, 86.441, 139.456



95, 35.346, 146.157



76, 74.301, 109.589



50, 24.275, 145.846



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, 86.441, 139.456



88, 116.030, 137.195



71, 56.989, 159.913



41, 6.790, 147.287



58, 83.230, 137.259



11, 25.114, 145.688

Inverse Universe

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



48, 82.140, 332.519



59, 104.911, 333.531



45, 64.053, 4.731



39, 6.805, 328.357



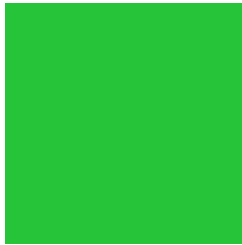
38, 75.488, 333.531



4, 24.133, 331.319

Previews

White Background



This preview shows how the CIELCh color 70, 86.441, 139.455 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, 86.441, 139.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

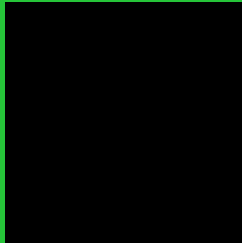
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 86.441, 139.455

Background



This preview shows how black text looks on a background with the CIELCh color 70, 86.441, 139.455.

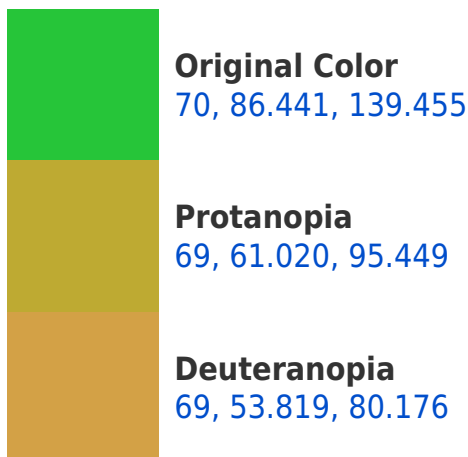


This preview shows how white text looks on a background with the CIELCh color 70, 86.441, 139.455.

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, 29.104, 213.933

Trichromacy



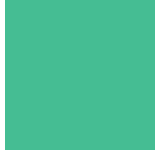
Original Color
70, 86.441, 139.455



Protanomaly
68, 66.167, 120.734



Deuteranomaly
67, 57.107, 115.852



Tritanomaly
69, 44.949, 165.172

Monochromacy



Original Color
70, 86.441, 139.455



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 36.484, 145.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 86.441, 139.455 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, 57)` looks like.

```
.text, #text, p{  
    color:rgb(38, 197, 57)  
}
```

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, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 197, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 86.441, 139.455 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, 57) }
```

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

```
.border{ border-color:rgb(38, 197, 57) }
```

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, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 197, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 197, 57);  
box-shadow:4px 4px 4px 4px rgb(38, 197,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 86.441, 139.455 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, 57) }
```

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

```
.background{ background-color: rgb(38, 197,  
57) }
```

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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