

Converting Colors

CIELCh(70, 82.112, 142.951)

Have a look what the booklet for
CIELCh(70, 82.112, 142.951)
contains.

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Color

CIELCh(70, 81.781, 143.042)

Conversions

Conversions Part 1

Format	Color
Hex	18C54A
RGB	24, 197, 74
RGB Percent	9%, 77%, 29%
CMY	0.9068, 0.2263, 0.7088
CMYK	0.88, 0.00, 0.62, 0.23
HSL	137°, 78%, 43%
HSV	137°, 88%, 77%
XYZ	21.6462, 40.7494, 13.2489
YIQ	131.2510, -63.6250, -74.9290

Conversions

Conversions Part 2

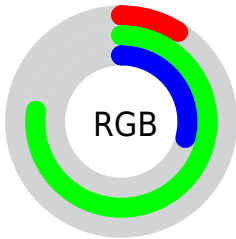
Format	Color
RYB	24, 158, 197
Decimal	1623370
CIELab	70.00, -65.35, 49.17
CIELCh	70, 81.781, 143.042
Yxy	40.7494, 0.2862, 0.5387
Android (android.graphics.Color)	4279813450 (0xFF18C54A)
YUV	131.2510, -28.2247, -94.0591
Hunter-Lab	63.8353, -51.1834, 32.3792

Details

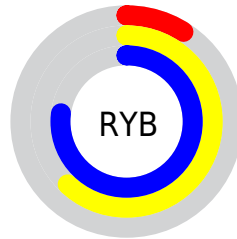
The CIELCh color **70, 81.781, 143.042** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **45, 75.334, 342.223**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 81.706, 143.040**, and **51, 74.435, 137.451** is the 20% darker color. If you saturate the color by 10%, you get **70, 87.159, 141.138**, and if you desaturate by 10%, it is **70, 75.258, 144.900**.

Distribution



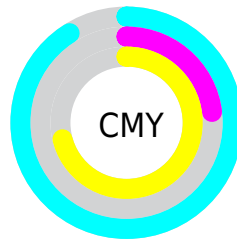
- Red (9%)
- Green (77%)
- Blue (29%)



- Red (9%)
- Yellow (62%)
- Blue (77%)



- Cyan (88%)
- Magenta (0%)
- Yellow (62%)
- Black (23%)





- Cyan (91%)
- Magenta (23%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 81.781, 143.042 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, 81.781, 143.042 by changing the saturation by 10% instead.


 70, 81.781,
143.042


 70, 81.781,
143.042


 100, 81.781,
143.042


 60, 81.781,
143.042


 90, 81.781,
143.042

 50, 81.781,
143.042

 40, 81.781,
143.042

 30, 81.781,
143.042

 20, 81.781,
143.042

 10, 81.781,
143.042

 0, 81.781, 143.042

■ 70, 81.781,
143.042

■ 70, 81.781,
143.042

■ 70, 87.159,
141.138

■ 70, 75.258,
144.900

■ 70, 88.159,
140.780

■ 71, 67.637,
146.615

■ 72, 59.055,
148.155

■ 73, 49.690,
149.511

■ 74, 39.746,
150.695

■ 75, 29.421,
151.724

■ 77, 18.899,
152.620

■ 78, 8.335, 153.417

Harmonies

Complementary

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



70, 81.781, 143.042



45, 75.334, 342.223

Rectangle

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



70, 81.781, 143.042



70, 81.781, 193.042



70, 81.781, 323.042



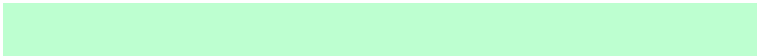
70, 81.781, 13.042

Sweetspot

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



70, 81.781, 143.042



95, 33.722, 151.871



74, 80.205, 118.119



50, 22.838, 151.532



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, 81.781, 143.042



88, 107.726, 140.467



71, 49.771, 171.332



41, 5.992, 153.306



58, 76.076, 141.070



11, 23.019, 149.218

Inverse Universe

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



45, 75.334, 342.223



57, 92.502, 344.644



43, 69.788, 22.160



39, 6.022, 334.522



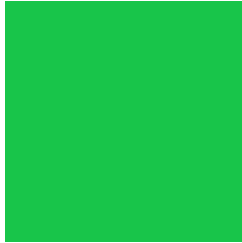
36, 66.606, 344.029



4, 20.724, 340.025

Previews

White Background



This preview shows how the CIELCh color 70, 81.781, 143.042 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, 81.781, 143.042 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, 81.781, 143.042

Background



This preview shows how black text looks on a background with the CIELCh color 70, 81.781, 143.042.



This preview shows how white text looks on a background with the CIELCh color 70, 81.781, 143.042.

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
70, 81.729, 143.005

Protanopia
69, 54.567, 95.650

Deuteranopia
69, 46.715, 78.492



Tritanopia
70, 30.432, 213.092

Trichromacy



Original Color
70, 81.729, 143.005



Protanomaly
68, 60.921, 124.947



Deuteranomaly
67, 50.741, 120.698



Tritanomaly
69, 43.971, 170.074

Monochromacy



Original Color
70, 81.729, 143.005



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 35.059, 150.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 81.781, 143.042 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(24, 197, 74)` looks like.

```
.text, #text, p{  
    color:rgb(24, 197, 74)  
}
```

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(24, 197, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 197, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 81.781, 143.042 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(24, 197, 74) }
```

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

```
.border{ border-color:rgb(24, 197, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 197, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 197, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 197, 74);  
box-shadow:4px 4px 4px 4px rgb(24, 197,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 81.781, 143.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 197, 74) }
```

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

```
.background{ background-color: rgb(24, 197,  
74) }
```

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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