

Converting Colors

CIELCh(70, 78.891, 144.682)

Have a look what the booklet for
CIELCh(70, 78.891, 144.682)
contains.

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Color

CIELCh(70, 78.906, 144.641)

Conversions

Conversions Part 1

Format	Color
Hex	17C552
RGB	23, 197, 82
RGB Percent	9%, 77%, 32%
CMY	0.9093, 0.2272, 0.6782
CMYK	0.88, 0.00, 0.58, 0.23
HSL	140°, 79%, 43%
HSV	140°, 88%, 77%
XYZ	21.8591, 40.7494, 14.7055
YIQ	131.8640, -66.7890, -72.6530

Conversions

Conversions Part 2

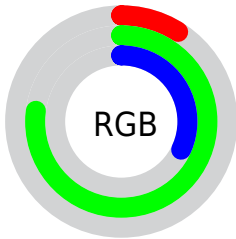
Format	Color
RYB	23, 153, 197
Decimal	1557842
CIELab	70.00, -64.35, 45.66
CIELCh	70, 78.906, 144.641
Yxy	40.7494, 0.2827, 0.5271
Android (android.graphics.Color)	4279747922 (0xFF17C552)
YUV	131.8640, -24.5830, -95.4737
Hunter-Lab	63.8353, -50.5879, 31.0263

Details

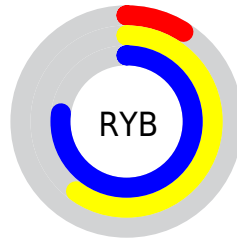
The CIELCh color **70, 78.906, 144.641** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **45, 73.164, 345.406**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 78.809, 144.788**, and **51, 72.066, 139.024** is the 20% darker color. If you saturate the color by 10%, you get **70, 84.216, 142.623**, and if you desaturate by 10%, it is **70, 72.593, 146.579**.

Distribution



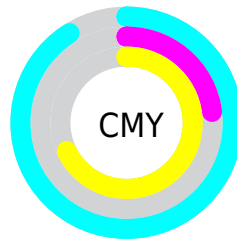
- Red (9%)
- Green (77%)
- Blue (32%)



- Red (9%)
- Yellow (60%)
- Blue (77%)



- Cyan (88%)
- Magenta (0%)
- Yellow (58%)
- Black (23%)





- Cyan (91%)
- Magenta (23%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 78.906, 144.641 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, 78.906, 144.641 by changing the saturation by 10% instead.


 70, 78.906,
144.641


 70, 78.906,
144.641


 100, 78.906,
144.641


 60, 78.906,
144.641


 90, 78.906,
144.641

 50, 78.906,
144.641

 40, 78.906,
144.641

 30, 78.906,
144.641

 20, 78.906,
144.641

 10, 78.906,
144.641

 0, 78.906, 144.641

■ 70, 78.906,
144.641

■ 70, 78.906,
144.641

■ 70, 84.216,
142.623

■ 70, 72.593,
146.579

■ 70, 85.074,
142.294

■ 71, 65.276,
148.350

■ 72, 57.057,
149.929

■ 73, 48.092,
151.319

■ 74, 38.560,
152.532

■ 75, 28.649,
153.589

■ 76, 18.531,
154.516

■ 78, 8.354, 155.344

Harmonies

Complementary

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



70, 78.906, 144.641



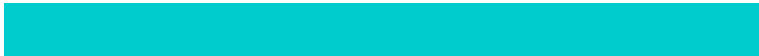
45, 73.164, 345.406

Rectangle

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



70, 78.906, 144.641



70, 78.906, 194.641



70, 78.906, 324.641



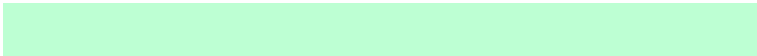
70, 78.906, 14.641

Sweetspot

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



70, 78.906, 144.641



95, 32.514, 153.771



73, 81.349, 120.425



50, 22.015, 153.424



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, 78.906, 144.641



88, 104.095, 141.956



72, 47.074, 176.177



41, 5.784, 155.253



59, 73.455, 142.603



11, 22.416, 150.391

Inverse Universe

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



45, 73.164, 345.406



56, 89.827, 348.371



42, 71.677, 26.253



39, 5.820, 336.522



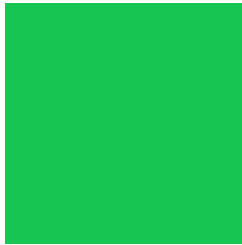
36, 64.688, 347.594



4, 19.918, 342.971

Previews

White Background



This preview shows how the CIELCh color 70, 78.906, 144.641 looks on a white background.

Color Contrast Check

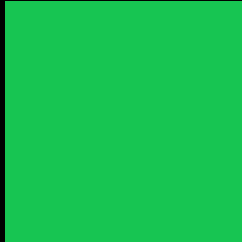
Large Text (above 18pt) WCAG AA × Fail

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, 78.906, 144.641 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, 78.906, 144.641

Background



This preview shows how black text looks on a background with the CIELCh color 70, 78.906, 144.641.

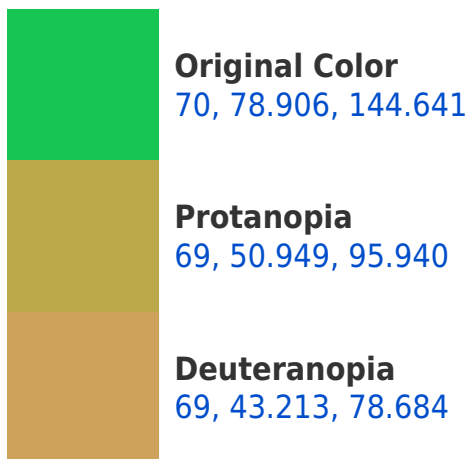


This preview shows how white text looks on a background with the CIELCh color 70, 78.906, 144.641.

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, 30.611, 212.985

Trichromacy



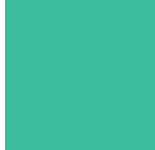
Original Color
70, 78.906, 144.641



Protanomaly
68, 57.759, 126.699



Deuteranomaly
67, 48.330, 123.161



Tritanomaly
69, 43.147, 171.993

Monochromacy



Original Color
70, 78.906, 144.641



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 33.984, 152.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 78.906, 144.641 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(23, 197, 82)` looks like.

```
.text, #text, p{  
    color:rgb(23, 197, 82)  
}
```

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(23, 197, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 197, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 78.906, 144.641 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(23, 197, 82) }
```

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

```
.border{ border-color:rgb(23, 197, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 197, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 197, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 197, 82);  
box-shadow:4px 4px 4px 4px rgb(23, 197,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 78.906, 144.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 197, 82) }
```

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

```
.background{ background-color: rgb(23, 197,  
82) }
```

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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