

Converting Colors

CIELCh(87, 17.932, 143.778)

Have a look what the booklet for
CIELCh(87, 17.932, 143.778)
contains.

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Color

CIELCh(87, 17.916, 143.703)

Conversions

Conversions Part 1

Format	Color
Hex	C5E1C5
RGB	197, 225, 197
RGB Percent	77%, 88%, 77%
CMY	0.2261, 0.1162, 0.2261
CMYK	0.12, 0.00, 0.12, 0.12
HSL	120°, 32%, 83%
HSV	120°, 12%, 88%
XYZ	60.2555, 70.0064, 63.3676
YIQ	213.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

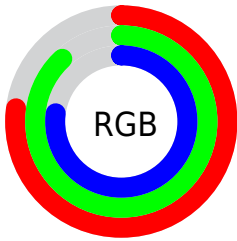
Format	Color
RYB	197, 225, 225
Decimal	12968389
CIELab	87.00, -14.44, 10.61
CIELCh	87, 17.916, 143.703
Yxy	70.0064, 0.3112, 0.3615
Android (android.graphics.Color)	4291158469 (0xFFC5E1C5)
YUV	213.4360, -8.1029, -14.4144
Hunter-Lab	83.6698, -17.8740, 13.6654

Details

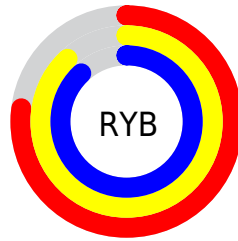
The CIELCh color $87, 17.916, 143.703$ is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be $83, 17.939, 325.108$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.609, 144.928$, and $67, 18.231, 143.484$ is the 20% darker color. If you saturate the color by 10%, you get $85, 32.436, 142.968$, and if you desaturate by 10%, it is $89, 3.471, 144.387$.

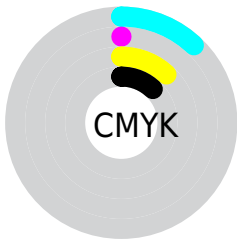
Distribution



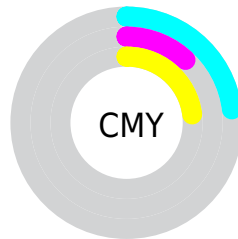
- Red (77%)
- Green (88%)
- Blue (77%)



- Red (77%)
- Yellow (88%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)





- Cyan (23%)
- Magenta (12%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 17.916, 143.703 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 87, 17.916, 143.703 by changing the saturation by 10% instead.


 87, 17.916,
143.703


 87, 17.916,
143.703


 100, 17.916,
143.703


 77, 17.916,
143.703

 67, 17.916,
143.703

 57, 17.916,
143.703

 47, 17.916,
143.703

 37, 17.916,
143.703

 27, 17.916,
143.703

 17, 17.916,

143.703

■ 7, 17.916, 143.703

■ 0, 17.916, 143.703

■ 87, 17.916,
143.703

■ 87, 17.916,
143.703

■ 85, 32.436,
142.968

■ 89, 3.471, 144.387

■ 83, 46.800,
142.116

■ 91, 10.744,
324.801

■ 82, 60.708,
141.142

■ 93, 18.537,
325.068

■ 81, 73.775,
140.060

■ 80, 85.526,

138.919

■ 79, 95.402,
137.813

■ 79, 102.816,
136.881

■ 79, 107.332,
136.266

■ 78, 109.099,
136.016

Harmonies

Complementary

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



87, 17.916, 143.703



83, 17.939, 325.108

Rectangle

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



87, 17.916, 143.703



87, 17.916, 193.703



87, 17.916, 323.703



87, 17.916, 13.703

Sweetspot

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



87, 17.918, 143.703



99, 6.331, 144.262



89, 14.269, 108.290



53, 4.503, 144.210



0, 0.000, 0.000



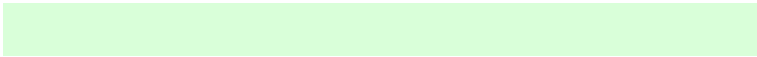
53, 0.007, 296.813

Same Dimension

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



87, 17.918, 143.703



97, 23.933, 143.517



87, 12.618, 161.754



46, 8.142, 143.904



63, 90.678, 136.016



16, 35.257, 139.479

Inverse Universe

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



83, 17.939, 325.108



91, 23.957, 325.258



82, 12.807, 343.771



44, 8.154, 324.939



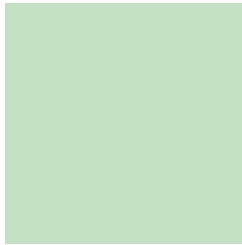
42, 87.490, 328.231



8, 35.926, 328.228

Previews

White Background



This preview shows how the CIELCh color 87, 17.916, 143.703 looks on a white background.

Color Contrast Check

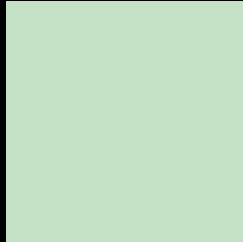
Large Text (above 18pt) WCAG AA × Fail

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 87, 17.916, 143.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

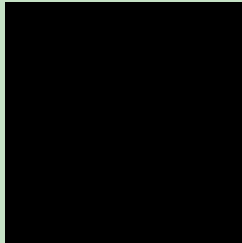
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

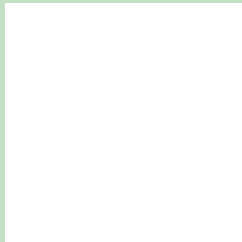
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 17.916, 143.703

Background



This preview shows how black text looks on a background with the CIELCh color 87, 17.916, 143.703.

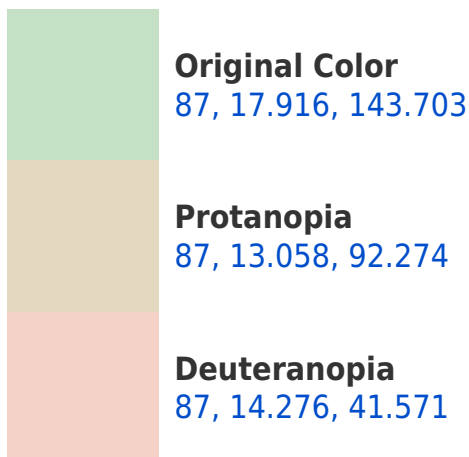


This preview shows how white text looks on a background with the CIELCh color 87, 17.916, 143.703.

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](#).

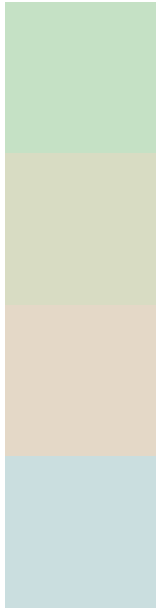
Dichromacy





Tritanopia
87, 10.323, 258.995

Trichromacy



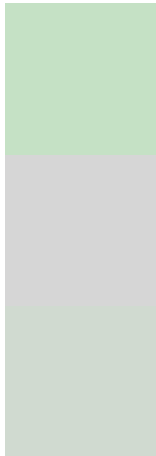
Original Color
87, 17.916, 143.703

Protanomaly
87, 13.110, 115.619

Deuteranomaly
87, 9.931, 82.486

Tritanomaly
87, 7.008, 203.296

Monochromacy



Original Color
87, 17.916, 143.703

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.398, 144.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 17.916, 143.703 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(197, 225, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 225, 197)  
}
```

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(197, 225, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 225, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 17.916, 143.703 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(197, 225, 197) }
```

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

```
.border{ border-color:rgb(197, 225, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 225, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 225, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 225, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 225,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 17.916, 143.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 225, 197) }
```

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

```
.background{ background-color: rgb(197,  
225, 197) }
```

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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