

Converting Colors

CIELCh(87, 19.019, 140.735)

Have a look what the booklet for
CIELCh(87, 19.019, 140.735)
contains.

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Color

CIELCh(87, 18.590, 141.015)

Conversions

Conversions Part 1

Format	Color
Hex	C6E1C3
RGB	198, 225, 195
RGB Percent	78%, 88%, 76%
CMY	0.2224, 0.1165, 0.2342
CMYK	0.12, 0.00, 0.13, 0.12
HSL	114°, 34%, 82%
HSV	114°, 13%, 88%
XYZ	60.2510, 70.0064, 62.1352
YIQ	213.5070, -6.4620, -15.0540

Conversions

Conversions Part 2

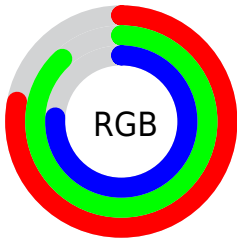
Format	Color
RYB	195, 225, 222
Decimal	13033923
CIELab	87.00, -14.45, 11.70
CIElCh	87, 18.590, 141.015
Yxy	70.0064, 0.3132, 0.3639
Android (android.graphics.Color)	4291224003 (0xFFC6E1C3)
YUV	213.5070, -9.1240, -13.5996
Hunter-Lab	83.6698, -17.8835, 14.5387

Details

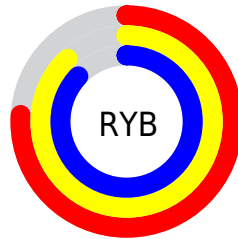
The CIELCh color **87, 18.590, 141.015** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 18.661, 322.349**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **67, 18.941, 140.713** is the 20% darker color. If you saturate the color by 10%, you get **85, 32.642, 140.374**, and if you desaturate by 10%, it is **89, 4.600, 141.605**.

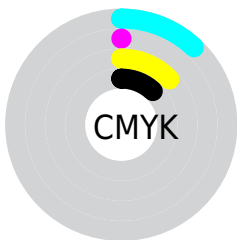
Distribution



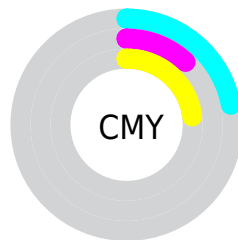
- Red (78%)
- Green (88%)
- Blue (76%)



- Red (76%)
- Yellow (88%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)





- Cyan (22%)
- Magenta (12%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 18.590, 141.015 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, 18.590, 141.015 by changing the saturation by 10% instead.


 87, 18.590,
141.015


 87, 18.590,
141.015


 100, 18.590,
141.015


 77, 18.590,
141.015

 67, 18.590,
141.015

 57, 18.590,
141.015

 47, 18.590,
141.015

 37, 18.590,
141.015


 27, 18.590,
141.015


 17, 18.590,


141.015

 7, 18.590, 141.015

 0, 18.590, 141.015

 87, 18.590,
141.015


 87, 18.590,
141.015


 85, 32.642,
140.374


 89, 4.600, 141.605

 84, 46.557,
139.646

 91, 9.198, 321.990

 93, 18.576,
325.069

 82, 60.079,
138.835

 81, 72.863,
137.968

 80, 84.468,

137.102

■ 80, 94.347,
136.336

■ 79, 101.900,
135.801

■ 79, 106.668,
135.617

■ 79, 108.489,
135.623

Harmonies

Complementary

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



87, 18.590, 141.015



82, 18.661, 322.349

Rectangle

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



87, 18.590, 141.015



87, 18.590, 191.015



87, 18.590, 321.015



87, 18.590, 11.015

Sweetspot

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



87, 18.592, 141.016



99, 6.131, 141.560



88, 13.822, 103.557



53, 4.361, 141.513



0, 0.000, 0.000



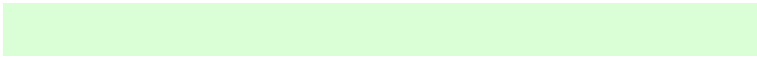
53, 0.007, 296.813

Same Dimension

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



87, 18.592, 141.016



97, 24.721, 140.845



87, 14.565, 156.856



46, 7.882, 141.244



63, 90.079, 135.533



16, 34.357, 137.673

Inverse Universe

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



82, 18.661, 322.349



90, 24.822, 322.488



82, 14.707, 338.844



44, 7.908, 322.154



39, 88.076, 324.369



7, 35.787, 324.857

Previews

White Background



This preview shows how the CIELCh color 87, 18.590, 141.015 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 CIE LCh color 87, 18.590, 141.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

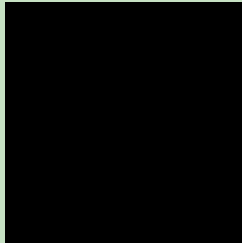
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

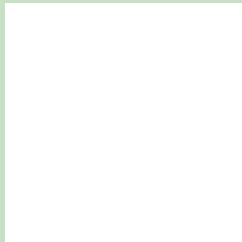
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 18.590, 141.015

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.590, 141.015.

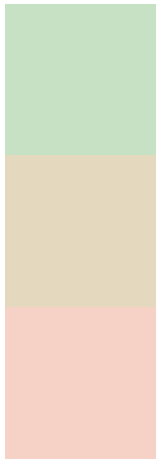


This preview shows how white text looks on a background with the CIELCh color 87, 18.590, 141.015.

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](#).

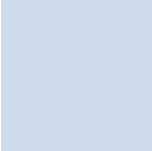
Dichromacy



Original Color
87, 18.590, 141.015

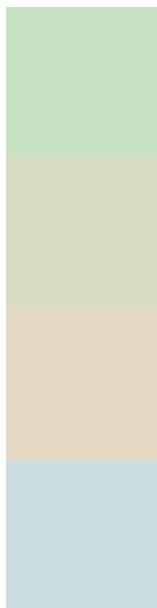
Protanopia
87, 14.170, 91.878

Deuteranopia
87, 15.096, 44.618



Tritanopia
87, 10.465, 263.782

Trichromacy



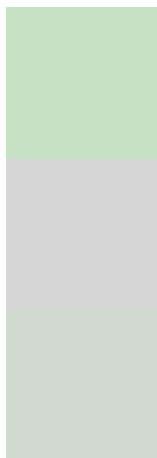
Original Color
87, 18.590, 141.015

Protanomaly
87, 14.102, 113.565

Deuteranomaly
87, 11.042, 83.028

Tritanomaly
87, 6.330, 203.813

Monochromacy



Original Color
87, 18.590, 141.015

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.837, 141.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.590, 141.015 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(198, 225, 195)` looks like.

```
.text, #text, p{  
    color:rgb(198, 225, 195)  
}
```

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(198, 225, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 225, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.590, 141.015 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(198, 225, 195) }
```

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

```
.border{ border-color:rgb(198, 225, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 225, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 225, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 225, 195); box-shadow:4px 4px 4px 4px rgb(198, 225, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.590, 141.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 225, 195) }
```

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

```
.background{ background-color: rgb(198,  
225, 195) }
```

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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