

Converting Colors

CIELCh(87, 21.377, 144.794)

Have a look what the booklet for
CIELCh(87, 21.377, 144.794)
contains.

CIELCh(87, 21.530, 145.048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(87, 21.530, 145.048)

Conversions

Conversions Part 1

Format	Color
Hex	C0E3C2
RGB	192, 227, 194
RGB Percent	75%, 89%, 76%
CMY	0.2472, 0.1100, 0.2394
CMYK	0.15, 0.00, 0.15, 0.11
HSL	123°, 38%, 82%
HSV	123°, 15%, 89%
XYZ	58.9158, 70.0064, 61.4199
YIQ	212.7730, -10.2670, -17.6830

Conversions

Conversions Part 2

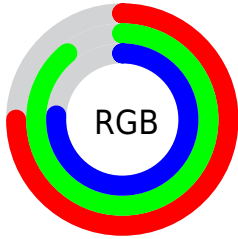
Format	Color
RYB	192, 225, 227
Decimal	12641218
CIELab	87.00, -17.65, 12.33
CIElCh	87, 21.530, 145.048
Yxy	70.0064, 0.3095, 0.3678
Android (android.graphics.Color)	4290831298 (0xFFC0E3C2)
YUV	212.7730, -9.2551, -18.2179
Hunter-Lab	83.6698, -20.7320, 15.0456

Details

The CIELCh color **87, 21.530, 145.048** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 21.560, 326.870**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.930, 155.644**, and **67, 22.030, 144.798** is the 20% darker color. If you saturate the color by 10%, you get **85, 35.560, 144.267**, and if you desaturate by 10%, it is **89, 7.520, 145.735**.

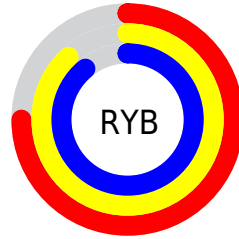
Distribution



Red (75%)

Green (89%)

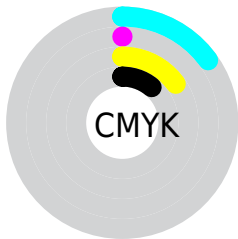
Blue (76%)



Red (75%)

Yellow (88%)

Blue (89%)

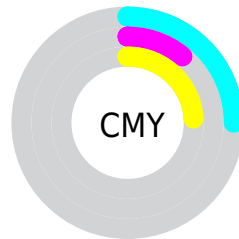


Cyan (15%)

Magenta (0%)

Yellow (15%)

Black (11%)



Cyan (25%)


Magenta (11%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 21.530, 145.048 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, 21.530, 145.048 by changing the saturation by 10% instead.

 87, 21.530,
145.048


 87, 21.530,
145.048


 100, 21.530,
145.048

 77, 21.530,
145.048

 67, 21.530,
145.048

 57, 21.530,
145.048

 47, 21.530,
145.048

 37, 21.530,
145.048


 27, 21.530,
145.048


 17, 21.530,


145.048

 7, 21.530, 145.048

 0, 21.530, 145.048

 87, 21.530,
145.048


 87, 21.530,
145.048


 85, 35.560,
144.267


 89, 7.520, 145.735

 84, 49.377,
143.360

 91, 6.309, 326.210

 82, 62.691,
142.320

 93, 17.532,
325.032

 81, 75.143,
141.157

 80, 86.310,

139.909

■ 80, 95.717,
138.653

■ 79, 102.885,
137.512

■ 79, 107.452,
136.628

■ 79, 108.713,
136.381

Harmonies

Complementary

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



87, 21.530, 145.048



82, 21.560, 326.870

Rectangle

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



87, 21.530, 145.048



87, 21.530, 195.048



87, 21.530, 325.048



87, 21.530, 15.048

Sweetspot

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



87, 21.532, 145.048



99, 7.619, 145.762



89, 18.104, 110.773



53, 5.202, 145.714



0, 0.000, 0.000



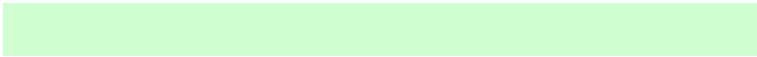
53, 0.007, 296.813

Same Dimension

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



87, 21.532, 145.048



96, 29.192, 144.772



87, 14.990, 165.087



47, 7.975, 145.464



63, 90.585, 136.497



17, 35.715, 139.810

Inverse Universe

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



82, 21.560, 326.870



88, 29.226, 327.084



81, 15.362, 347.805



45, 7.989, 326.523



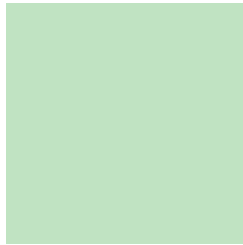
42, 84.562, 330.638



8, 35.731, 330.247

Previews

White Background



This preview shows how the CIELCh color 87, 21.530, 145.048 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, 21.530, 145.048 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

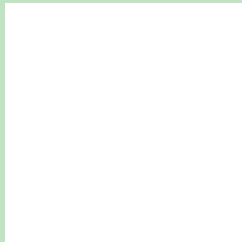
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 21.530, 145.048

Background



This preview shows how black text looks on a background with the CIELCh color 87, 21.530, 145.048.

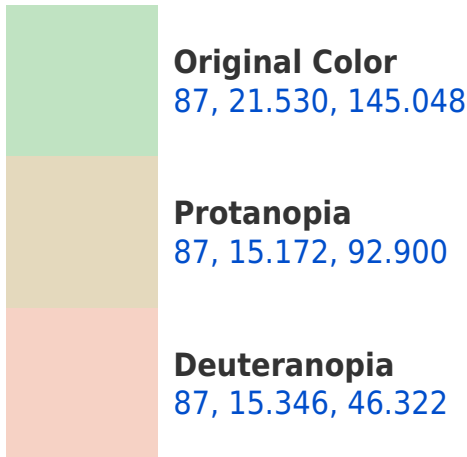


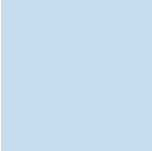
This preview shows how white text looks on a background with the CIELCh color 87, 21.530, 145.048.

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](#).

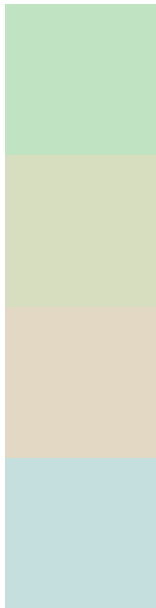
Dichromacy





Tritanopia
87, 11.445, 250.332

Trichromacy



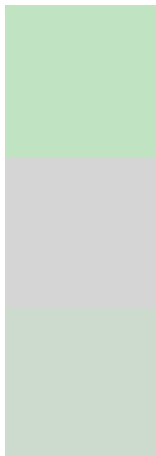
Original Color
87, 21.530, 145.048

Protanomaly
87, 15.776, 117.071

Deuteranomaly
87, 11.080, 89.439

Tritanomaly
87, 9.428, 195.614

Monochromacy



Original Color
87, 21.530, 145.048

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 7.900, 146.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 21.530, 145.048 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(192, 227, 194)` looks like.

```
.text, #text, p{  
    color:rgb(192, 227, 194)  
}
```

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(192, 227, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 227, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 21.530, 145.048 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(192, 227, 194) }
```

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

```
.border{ border-color:rgb(192, 227, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 227, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 227, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 227, 194);  
box-shadow:4px 4px 4px 4px rgb(192, 227,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 21.530, 145.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 227, 194) }
```

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

```
.background{ background-color: rgb(192,  
227, 194) }
```

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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