

Converting Colors

CIELCh(87, 26.055, 141.578)

Have a look what the booklet for
CIELCh(87, 26.055, 141.578)
contains.

CIELCh(87, 25.814, 142.075)	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, 25.814, 142.075)

Conversions

Conversions Part 1

Format	Color
Hex	BDE4BB
RGB	189, 228, 187
RGB Percent	74%, 89%, 73%
CMY	0.2582, 0.1052, 0.2661
CMYK	0.17, 0.00, 0.18, 0.11
HSL	117°, 43%, 81%
HSV	117°, 18%, 89%
XYZ	57.7970, 70.0064, 57.5655
YIQ	211.6650, -10.0830, -21.0190

Conversions

Conversions Part 2

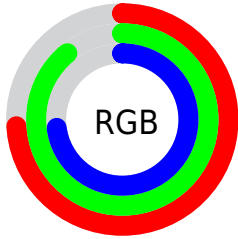
Format	Color
RYB	187, 228, 226
Decimal	12444859
CIELab	87.00, -20.36, 15.87
CIELCh	87, 25.814, 142.075
Yxy	70.0064, 0.3118, 0.3777
Android (android.graphics.Color)	4290634939 (0xFFBDE4BB)
YUV	211.6650, -12.1598, -19.8772
Hunter-Lab	83.6698, -23.1188, 17.7769

Details

The CIELCh color **87, 25.814, 142.075** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 25.879, 324.053**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.897, 137.124**, and **67, 25.424, 142.378** is the 20% darker color. If you saturate the color by 10%, you get **85, 40.206, 141.336**, and if you desaturate by 10%, it is **89, 11.393, 142.721**.

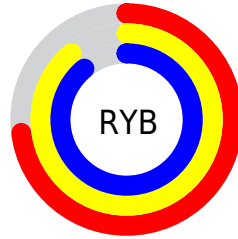
Distribution



Red (74%)

Green (89%)

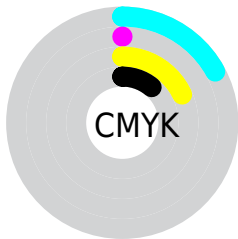
Blue (73%)



Red (73%)

Yellow (89%)

Blue (89%)

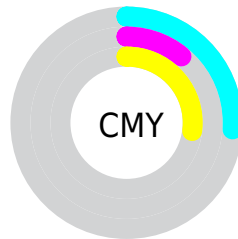


Cyan (17%)

Magenta (0%)

Yellow (18%)

Black (11%)



Cyan (26%)

Magenta (11%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 25.814, 142.075 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, 25.814, 142.075 by changing the saturation by 10% instead.

■ 87, 25.814,
142.075

■ 87, 25.814,
142.075

■ 100, 25.814,
142.075

■ 77, 25.814,
142.075

■ 67, 25.814,
142.075

■ 57, 25.814,
142.075

■ 47, 25.814,
142.075

■ 37, 25.814,
142.075


■ 27, 25.814,
142.075


■ 17, 25.814,


142.075


 7, 25.814, 142.075

 0, 25.814, 142.075

 87, 25.814,
142.075


 87, 25.814,
142.075


 85, 40.206,
141.336


 89, 11.393,
142.721


 84, 54.316,
140.493

 91, 2.885, 323.140

 82, 67.823,
139.554

 93, 16.633,
324.255

 81, 80.308,
138.555

 93, 16.775,
325.005

 81, 91.258,

137.571

■ 80, 100.075,
136.720

■ 80, 106.198,
136.145

■ 79, 109.433,
135.913

■ 79, 109.884,
135.860

Harmonies

Complementary

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



87, 25.814, 142.075



80, 25.879, 324.053

Rectangle

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



87, 25.814, 142.075



87, 25.814, 192.075



87, 25.814, 322.075



87, 25.814, 12.075

Sweetspot

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



87, 25.816, 142.075



99, 7.798, 142.902



89, 20.142, 106.285



53, 5.324, 142.858



0, 0.000, 0.000



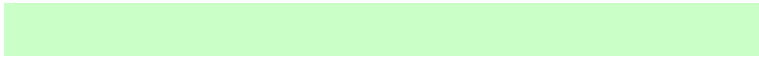
53, 0.007, 296.813

Same Dimension

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



87, 25.816, 142.075



95, 34.612, 141.780



87, 18.889, 159.557



47, 8.162, 142.629



63, 91.385, 135.805



17, 36.322, 137.993

Inverse Universe

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



80, 25.879, 324.053



86, 34.701, 324.268



80, 19.227, 342.524



45, 8.182, 323.602



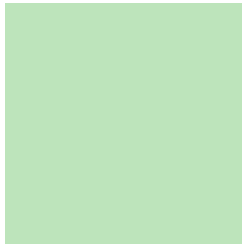
41, 88.653, 326.324



8, 37.184, 326.615

Previews

White Background



This preview shows how the CIELCh color 87, 25.814, 142.075 looks on a white background.

Color Contrast Check

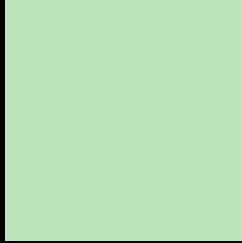
Large Text (above 18pt) WCAG AA × Fail

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, 25.814, 142.075 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

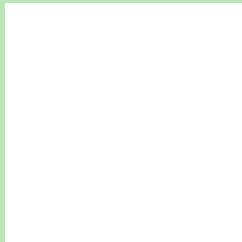
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 25.814, 142.075

Background



This preview shows how black text looks on a background with the CIELCh color 87, 25.814, 142.075.

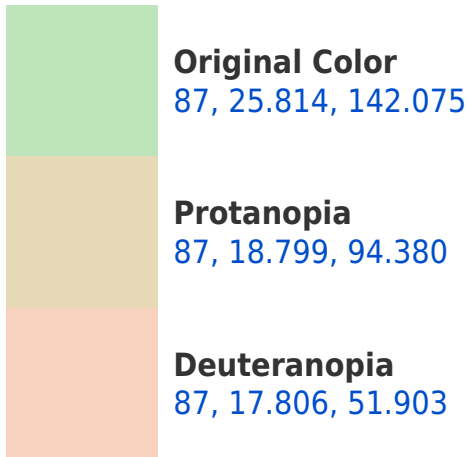


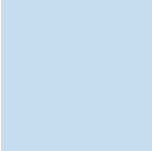
This preview shows how white text looks on a background with the CIELCh color 87, 25.814, 142.075.

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



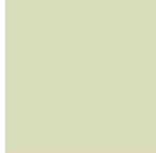


Tritanopia
87, 12.036, 250.824

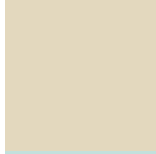
Trichromacy



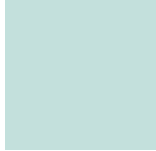
Original Color
87, 25.814, 142.075



Protanomaly
87, 19.366, 115.309



Deuteranomaly
87, 14.182, 91.870

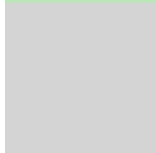


Tritanomaly
87, 10.384, 187.071

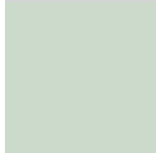
Monochromacy



Original Color
87, 25.814, 142.075



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.412, 142.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 25.814, 142.075 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(189, 228, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 228, 187)  
}
```

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(189, 228, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 228, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 25.814, 142.075 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(189, 228, 187) }
```

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

```
.border{ border-color:rgb(189, 228, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 228, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 228, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 228, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 228,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 25.814, 142.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 228, 187) }
```

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

```
.background{ background-color: rgb(189,  
228, 187) }
```

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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