

Converting Colors

CIELCh(87, 26.216, 143.311)

Have a look what the booklet for
CIELCh(87, 26.216, 143.311)
contains.

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Color

CIELCh(87, 26.208, 143.314)

Conversions

Conversions Part 1

Format	Color
Hex	BCE5BC
RGB	188, 229, 188
RGB Percent	74%, 90%, 74%
CMY	0.2646, 0.1039, 0.2646
CMYK	0.18, 0.00, 0.18, 0.10
HSL	120°, 44%, 82%
HSV	120°, 18%, 90%
XYZ	57.5296, 70.0064, 57.7886
YIQ	212.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

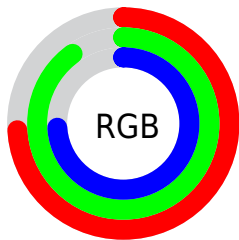
Format	Color
R_{YB}	188, 229, 229
Decimal	12379580
CIE _{Lab}	87.00, -21.02, 15.66
CIE _{LCh}	87, 26.208, 143.314
Yxy	70.0064, 0.3104, 0.3778
Android (android.graphics.Color)	4290569660 (0xFFBCE5BC)
YUV	212.0670, -11.8650, -21.1068
Hunter-Lab	83.6698, -23.6893, 17.6188

Details

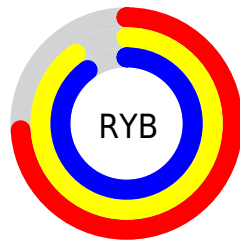
The CIELCh color **87, 26.208, 143.314** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 26.231, 325.419**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.633, 141.793**, and **67, 25.838, 143.670** is the 20% darker color. If you saturate the color by 10%, you get **85, 40.838, 142.516**, and if you desaturate by 10%, it is **89, 11.537, 144.006**.

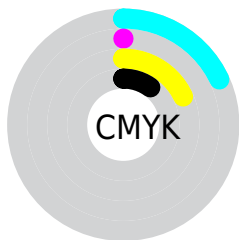
Distribution



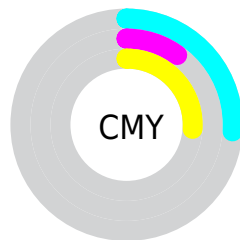
- Red (74%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (90%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)




- Cyan (26%)
- Magenta (10%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 26.208, 143.314 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, 26.208, 143.314 by changing the saturation by 10% instead.


 87, 26.208,
143.314


 87, 26.208,
143.314


 100, 26.208,
143.314


 77, 26.208,
143.314

 67, 26.208,
143.314

 57, 26.208,
143.314

 47, 26.208,
143.314

 37, 26.208,
143.314


 27, 26.208,
143.314


 17, 26.208,


143.314


 7, 26.208, 143.314


 0, 26.208, 143.314

 87, 26.208,
143.314


 87, 26.208,
143.314


 85, 40.838,
142.516


 89, 11.537,
144.006

 84, 55.152,
141.595

 91, 2.984, 324.459

 82, 68.800,
140.556

 94, 16.556,
324.998

 81, 81.341,
139.432

 81, 92.245,

138.294

■ 80, 100.917,
137.264

■ 80, 106.814,
136.493

■ 80, 109.800,
136.080

■ 79, 110.245,
136.017

Harmonies

Complementary

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



87, 26.208, 143.314



81, 26.231, 325.419

Rectangle

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



87, 26.208, 143.314



87, 26.208, 193.314



87, 26.208, 323.314



87, 26.208, 13.314

Sweetspot

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



87, 26.210, 143.314



99, 7.923, 144.197



90, 21.135, 108.437



53, 5.409, 144.150



0, 0.000, 0.000



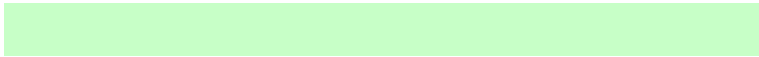
53, 0.007, 296.813

Same Dimension

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



87, 26.210, 143.314



95, 35.165, 142.994



87, 18.177, 162.102



47, 8.293, 143.906



63, 91.649, 136.017



17, 36.760, 138.833

Inverse Universe

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



81, 26.231, 325.419



87, 35.184, 325.650



80, 18.593, 345.200



45, 8.305, 324.943



42, 88.421, 328.236



9, 37.105, 328.236

Previews

White Background



This preview shows how the CIELCh color 87, 26.208, 143.314 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, 26.208, 143.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

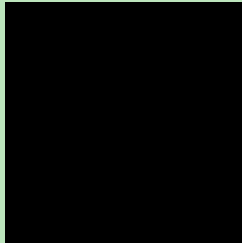
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

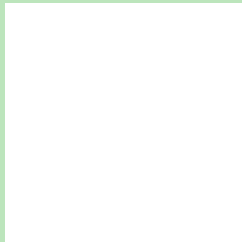
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 26.208, 143.314

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.208, 143.314.

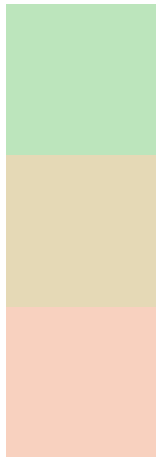


This preview shows how white text looks on a background with the CIELCh color 87, 26.208, 143.314.

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, 26.208, 143.314

Protanopia
87, 18.799, 94.380

Deuteranopia
87, 17.806, 51.903

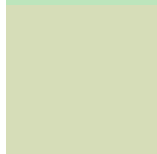


Tritanopia
87, 12.450, 248.457

Trichromacy



Original Color
87, 26.208, 143.314



Protanomaly
87, 19.419, 116.413



Deuteranomaly
87, 14.074, 93.359

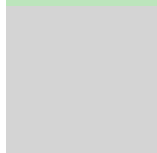


Tritanomaly
87, 11.045, 187.721

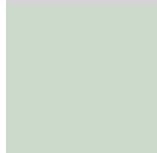
Monochromacy



Original Color
87, 26.208, 143.314



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.618, 144.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.208, 143.314 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(188, 229, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 229, 188)  
}
```

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(188, 229, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 229, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.208, 143.314 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(188, 229, 188) }
```

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

```
.border{ border-color:rgb(188, 229, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 229, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 229, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 229, 188); box-shadow:4px 4px 4px 4px rgb(188, 229, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.208, 143.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 229, 188) }
```

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

```
.background{ background-color: rgb(188,  
229, 188) }
```

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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