

Converting Colors

CIELCh(87, 26.995, 146.027)

Have a look what the booklet for
CIELCh(87, 26.995, 146.027)
contains.

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Color

CIELCh(87, 26.647, 146.302)

Conversions

Conversions Part 1

Format	Color
Hex	B8E5BD
RGB	184, 229, 189
RGB Percent	72%, 90%, 74%
CMY	0.2779, 0.1014, 0.2583
CMYK	0.20, 0.00, 0.17, 0.10
HSL	127°, 47%, 81%
HSV	127°, 20%, 90%
XYZ	57.0605, 70.0064, 58.7286
YIQ	210.9850, -13.9800, -21.9800

Conversions

Conversions Part 2

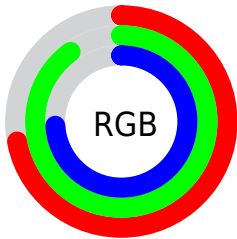
Format	Color
RYB	184, 225, 229
Decimal	12117437
CIELab	87.00, -22.17, 14.78
CIELCh	87, 26.647, 146.302
Yxy	70.0064, 0.3071, 0.3768
Android (android.graphics.Color)	4290307517 (0xFFB8E5BD)
YUV	210.9850, -10.8386, -23.6658
Hunter-Lab	83.6698, -24.6902, 16.9527

Details

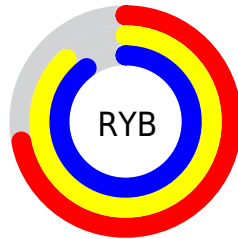
The CIELCh color $87, 26.647, 146.302$ is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be $80, 26.698, 328.755$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 7.355, 155.302$, and $67, 26.308, 146.784$ is the 20% darker color. If you saturate the color by 10%, you get $85, 40.210, 145.452$, and if you desaturate by 10%, it is $89, 13.022, 147.038$.

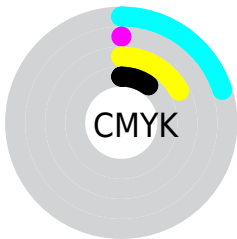
Distribution



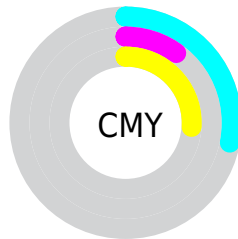
- Red (72%)
- Green (90%)
- Blue (74%)



- Red (72%)
- Yellow (88%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)





- Cyan (28%)
- Magenta (10%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 26.647, 146.302 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, 26.647, 146.302 by changing the saturation by 10% instead.


 87, 26.647,
146.302


 87, 26.647,
146.302


 100, 26.647,
146.302


 77, 26.647,
146.302

 67, 26.647,
146.302

 57, 26.647,
146.302

 47, 26.647,
146.302

 37, 26.647,
146.302


 27, 26.647,
146.302


 17, 26.647,


146.302


 7, 26.647, 146.302

 0, 26.647, 146.302

 87, 26.647,
146.302


 87, 26.647,
146.302


 85, 40.210,
145.452


 89, 13.022,
147.038


 84, 53.470,
144.467


 91, 0.491, 326.988

 83, 66.141,
143.339

 93, 13.761,
328.136

 82, 77.881,
142.073

 94, 16.155,
324.983

 81, 88.311,

140.704

■ 80, 97.036,
139.303

■ 80, 103.679,
137.984

■ 80, 108.028,
136.922

■ 80, 108.147,
136.895

Harmonies

Complementary

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



87, 26.647, 146.302



80, 26.698, 328.755

Rectangle

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



87, 26.647, 146.302



87, 26.647, 196.302



87, 26.647, 326.302



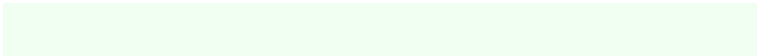
87, 26.647, 16.302

Sweetspot

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



87, 26.649, 146.302



99, 8.813, 147.286



90, 23.258, 112.501



52, 5.849, 147.241



0, 0.000, 0.000



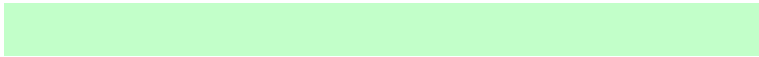
53, 0.007, 296.813

Same Dimension

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



87, 26.649, 146.302



95, 35.531, 145.935



88, 18.518, 167.598



47, 7.680, 147.051



63, 89.324, 137.076



17, 34.742, 140.792

Inverse Universe

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



80, 26.698, 328.755



85, 35.591, 329.027



79, 19.248, 351.298



45, 7.696, 328.138



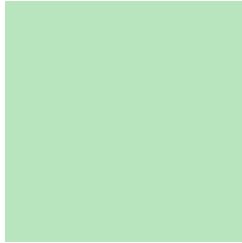
41, 81.069, 333.200



8, 34.477, 332.354

Previews

White Background



This preview shows how the CIELCh color 87, 26.647, 146.302 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, 26.647, 146.302 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

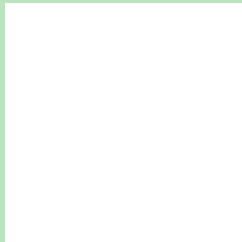
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 26.647, 146.302

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.647, 146.302.

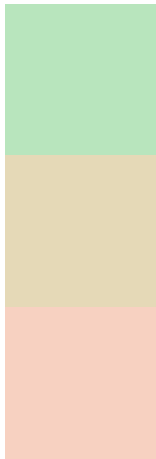


This preview shows how white text looks on a background with the CIELCh color 87, 26.647, 146.302.

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, 26.647, 146.302

Protanopia
87, 18.294, 94.046

Deuteranopia
87, 16.875, 49.746

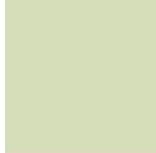


Tritanopia
87, 13.316, 244.197

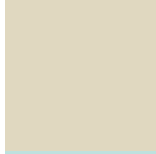
Trichromacy



Original Color
87, 26.647, 146.302



Protanomaly
87, 18.969, 117.780

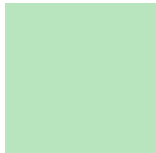


Deuteranomaly
86, 12.871, 95.516

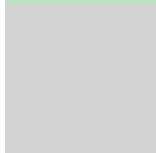


Tritanomaly
87, 12.236, 191.199

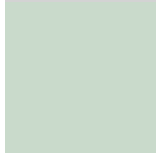
Monochromacy



Original Color
87, 26.647, 146.302



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 10.055, 147.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.647, 146.302 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(184, 229, 189)` looks like.

```
.text, #text, p{  
    color:rgb(184, 229, 189)  
}
```

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(184, 229, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 229, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.647, 146.302 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(184, 229, 189) }
```

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

```
.border{ border-color:rgb(184, 229, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 229, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 229, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 229, 189);  
box-shadow:4px 4px 4px 4px rgb(184, 229,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.647, 146.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 229, 189) }
```

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

```
.background{ background-color: rgb(184,  
229, 189) }
```

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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