

Converting Colors

CIELCh(84, 26.740, 147.029)

Have a look what the booklet for
CIELCh(84, 26.740, 147.029)
contains.

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Color

CIELCh(84, 27.054, 146.803)

Conversions

Conversions Part 1

Format	Color
Hex	AFDDB5
RGB	175, 221, 181
RGB Percent	69%, 87%, 71%
CMY	0.3143, 0.1339, 0.2907
CMYK	0.21, 0.00, 0.18, 0.13
HSL	128°, 40%, 78%
HSV	128°, 21%, 87%
XYZ	51.7932, 64.0658, 53.2781
YIQ	202.6860, -14.5760, -22.1920

Conversions

Conversions Part 2

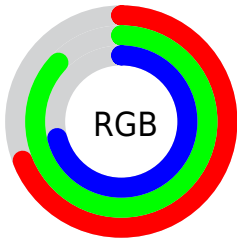
Format	Color
R _{YB}	175, 216, 221
Decimal	11525557
CIE Lab	84.00, -22.64, 14.81
CIE LCh	84, 27.054, 146.803
Yxy	64.0658, 0.3062, 0.3788
Android (android.graphics.Color)	4289715637 (0xFFAFDDB5)
YUV	202.6860, -10.6912, -24.2806
Hunter-Lab	80.0411, -24.5677, 16.5633

Details

The CIELCh color **84, 27.054, 146.803** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **77, 27.115, 329.448**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.542, 151.728**, and **64, 27.186, 146.552** is the 20% darker color. If you saturate the color by 10%, you get **82, 40.017, 145.934**, and if you desaturate by 10%, it is **86, 14.010, 147.555**.

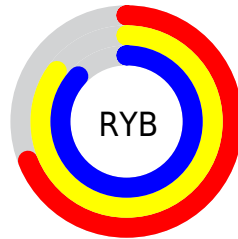
Distribution



Red (69%)

Green (87%)

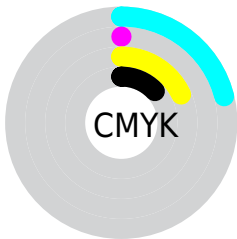
Blue (71%)



Red (69%)

Yellow (85%)

Blue (87%)

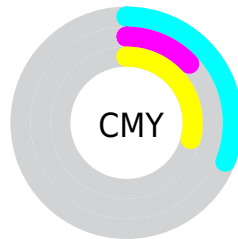


Cyan (21%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 27.054, 146.803 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 84, 27.054, 146.803 by changing the saturation by 10% instead.

 84, 27.054,
146.803

 84, 27.054,
146.803


 100, 27.054,
146.803


 74, 27.054,
146.803

 64, 27.054,
146.803

 54, 27.054,
146.803

 44, 27.054,
146.803

 34, 27.054,
146.803

 24, 27.054,
146.803

 14, 27.054,

146.803

■ 4, 27.054, 146.803

■ 0, 27.054, 146.803

■ 84, 27.054,
146.803

■ 84, 27.054,
146.803

■ 82, 40.017,
145.934

■ 86, 14.010,
147.555

■ 81, 52.667,
144.927

■ 88, 1.054, 148.464

■ 80, 64.732,
143.773

■ 90, 11.685,
328.684

■ 79, 75.892,
142.477

■ 92, 21.368,
325.168

■ 78, 85.802,

141.069

■ 78, 94.108,
139.616

■ 77, 100.480,
138.226

■ 77, 104.489,
137.171

Harmonies

Complementary

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



84, 27.054, 146.803



77, 27.115, 329.448

Rectangle

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



84, 27.054, 146.803



84, 27.054, 196.803



84, 27.054, 326.803



84, 27.054, 16.803

Sweetspot

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



84, 27.056, 146.803



99, 8.693, 147.888



87, 23.951, 113.108



52, 5.770, 147.842



0, 0.000, 0.000



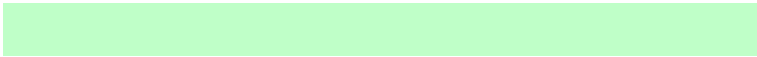
53, 0.007, 296.813

Same Dimension

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



84, 27.056, 146.803



95, 36.504, 146.439



85, 18.814, 168.503



45, 7.297, 147.653



62, 86.798, 137.375



15, 31.549, 142.465

Inverse Universe

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



77, 27.115, 329.448



85, 36.580, 329.717



76, 19.658, 352.488



43, 7.314, 328.746



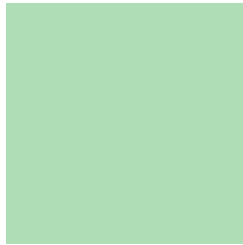
40, 78.179, 334.181



7, 31.534, 332.966

Previews

White Background



This preview shows how the CIELCh color 84, 27.054, 146.803 looks on a white background.

Color Contrast Check

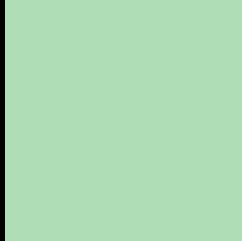
Large Text (above 18pt) WCAG AA × Fail

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 84, 27.054, 146.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

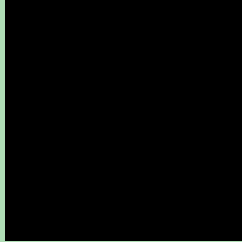
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 27.054, 146.803

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.054, 146.803.

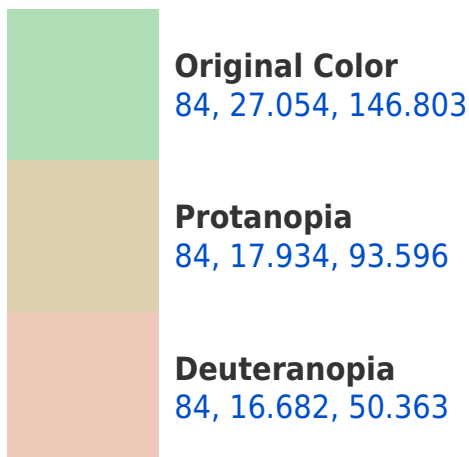


This preview shows how white text looks on a background with the CIELCh color 84, 27.054, 146.803.

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](#).

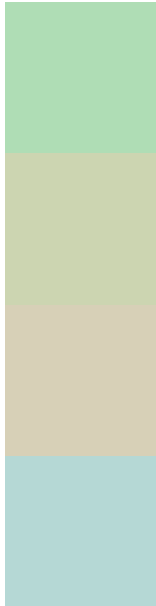
Dichromacy





Tritanopia
84, 13.282, 241.540

Trichromacy



Original Color
84, 27.054, 146.803

Protanomaly
84, 19.168, 118.855

Deuteranomaly
83, 13.395, 97.515

Tritanomaly
84, 12.313, 191.152

Monochromacy



Original Color
84, 27.054, 146.803

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.488, 147.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.054, 146.803 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(175, 221, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 221, 181)  
}
```

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(175, 221, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 221, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.054, 146.803 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(175, 221, 181) }
```

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

```
.border{ border-color:rgb(175, 221, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 221, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 221, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 221, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 221,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.054, 146.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 221, 181) }
```

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

```
.background{ background-color: rgb(175,  
221, 181) }
```

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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