

Converting Colors

CIELCh(84, 30.006, 146.749)

Have a look what the booklet for
CIELCh(84, 30.006, 146.749)
contains.

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Color

CIELCh(84, 29.831, 146.837)

Conversions

Conversions Part 1

Format	Color
Hex	ABDEB2
RGB	171, 222, 178
RGB Percent	67%, 87%, 70%
CMY	0.3297, 0.1297, 0.3022
CMYK	0.23, 0.00, 0.20, 0.13
HSL	128°, 44%, 77%
HSV	128°, 23%, 87%
XYZ	50.9104, 64.0658, 51.7657
YIQ	201.7350, -16.2720, -24.4960

Conversions

Conversions Part 2

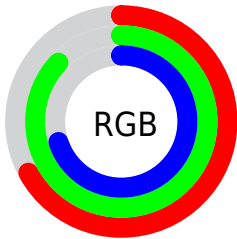
Format	Color
RYB	171, 216, 222
Decimal	11263666
CIELab	84.00, -24.97, 16.32
CIELCh	84, 29.831, 146.837
Yxy	64.0658, 0.3053, 0.3842
Android (android.graphics.Color)	4289453746 (0xFFABDEB2)
YUV	201.7350, -11.7014, -26.9546
Hunter-Lab	80.0411, -26.5363, 17.6836

Details

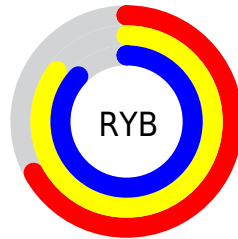
The CIELCh color **84, 29.831, 146.837** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **76, 29.902, 329.805**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 14.645, 151.608**, and **64, 30.089, 146.505** is the 20% darker color. If you saturate the color by 10%, you get **82, 42.735, 145.937**, and if you desaturate by 10%, it is **86, 16.801, 147.615**.

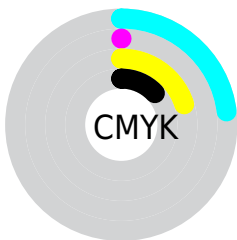
Distribution



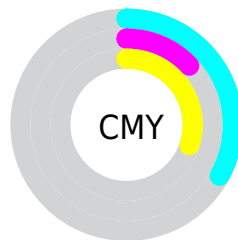
- Red (67%)
- Green (87%)
- Blue (70%)



- Red (67%)
- Yellow (85%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (33%)
- Magenta (13%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 29.831, 146.837 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, 29.831, 146.837 by changing the saturation by 10% instead.


 84, 29.831,
146.837

 84, 29.831,
146.837


 100, 29.831,
146.837


 74, 29.831,
146.837

 64, 29.831,
146.837

 54, 29.831,
146.837

 44, 29.831,
146.837

 34, 29.831,
146.837


 24, 29.831,
146.837

 14, 29.831,


146.837


 4, 29.831, 146.837


 0, 29.831, 146.837

 84, 29.831,
146.837


 84, 29.831,
146.837

 82, 42.735,
145.937


 86, 16.801,
147.615


 81, 55.274,
144.895

 88, 3.826, 148.337


 80, 67.165,
143.704

 90, 8.957, 328.784

 79, 78.088,
142.373

 92, 20.492,
325.536

 78, 87.700,

 92, 20.694,
325.144

140.934

■ 78, 95.656,
139.463

■ 78, 101.647,
138.072

■ 77, 104.634,
137.265

Harmonies

Complementary

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



84, 29.831, 146.837



76, 29.902, 329.805

Rectangle

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



84, 29.831, 146.837



84, 29.831, 196.837



84, 29.831, 326.837



84, 29.831, 16.837

Sweetspot

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



84, 29.833, 146.837



98, 10.102, 148.033



87, 26.539, 113.638



52, 6.567, 147.991



0, 0.000, 0.000



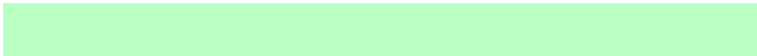
53, 0.007, 296.813

Same Dimension

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



84, 29.833, 146.837



94, 40.671, 146.382



85, 20.552, 169.322



46, 7.401, 147.866



63, 87.552, 137.465



16, 32.870, 141.886

Inverse Universe

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



76, 29.902, 329.805



83, 40.755, 330.130



75, 21.648, 353.824



44, 7.418, 328.966



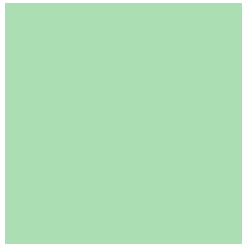
40, 78.606, 334.548



7, 32.745, 333.373

Previews

White Background



This preview shows how the CIELCh color 84, 29.831, 146.837 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, 29.831, 146.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

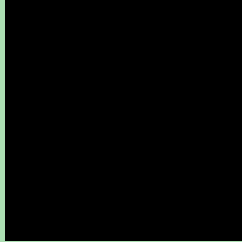
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

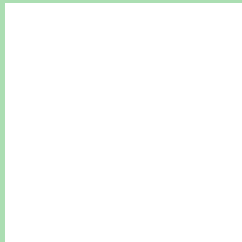
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 29.831, 146.837

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.831, 146.837.

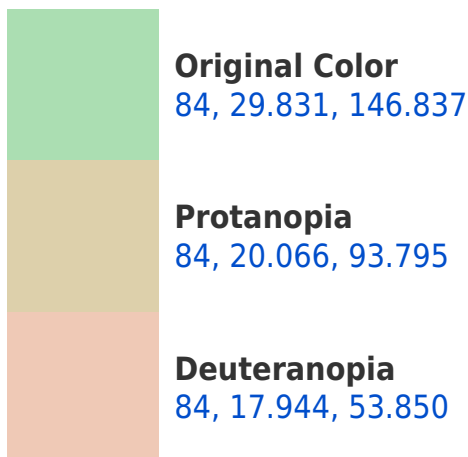


This preview shows how white text looks on a background with the CIELCh color 84, 29.831, 146.837.

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, 14.236, 238.012

Trichromacy



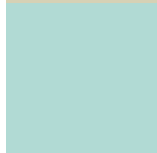
Original Color
84, 29.831, 146.837



Protanomaly
84, 20.777, 119.022



Deuteranomaly
84, 14.813, 101.468



Tritanomaly
84, 14.634, 185.865

Monochromacy



Original Color
84, 29.831, 146.837



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 10.787, 147.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.831, 146.837 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(171, 222, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 222, 178)  
}
```

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(171, 222, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 222, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.831, 146.837 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(171, 222, 178) }
```

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

```
.border{ border-color:rgb(171, 222, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 222, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 222, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 222, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 222,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.831, 146.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 222, 178) }
```

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

```
.background{ background-color: rgb(171,  
222, 178) }
```

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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