

Converting Colors

CIELCh(84, 28.939, 138.045)

Have a look what the booklet for
CIELCh(84, 28.939, 138.045)
contains.

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Color

CIELCh(84, 29.128, 138.076)

Conversions

Conversions Part 1

Format	Color
Hex	B5DCAC
RGB	181, 220, 172
RGB Percent	71%, 86%, 67%
CMY	0.2898, 0.1368, 0.3251
CMYK	0.18, 0.00, 0.22, 0.14
HSL	109°, 41%, 77%
HSV	109°, 22%, 86%
XYZ	52.1617, 64.0658, 48.7008
YIQ	202.8670, -7.8360, -23.1960

Conversions

Conversions Part 2

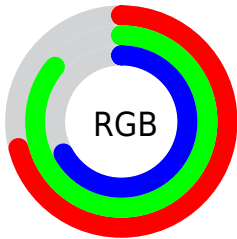
Format	Color
RYB	172, 220, 211
Decimal	11918508
CIELab	84.00, -21.67, 19.46
CIELCh	84, 29.128, 138.076
Yxy	64.0658, 0.3163, 0.3884
Android (android.graphics.Color)	4290108588 (0xFFB5DCAC)
YUV	202.8670, -15.2174, -19.1774
Hunter-Lab	80.0411, -23.7458, 19.9539

Details

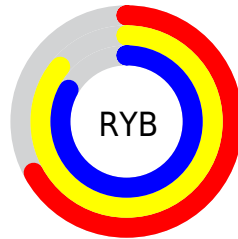
The CIELCh color **84, 29.128, 138.076** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **75, 29.410, 320.157**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.208, 134.226**, and **64, 28.903, 138.049** is the 20% darker color. If you saturate the color by 10%, you get **83, 42.453, 137.455**, and if you desaturate by 10%, it is **86, 15.724, 138.635**.

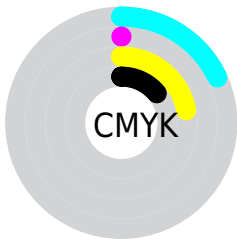
Distribution



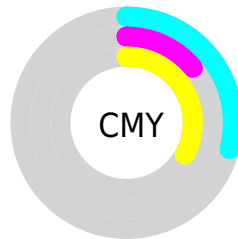
- Red (71%)
- Green (86%)
- Blue (67%)



- Red (67%)
- Yellow (86%)
- Blue (83%)



- Cyan (18%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)





- Cyan (29%)
- Magenta (14%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 29.128, 138.076 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, 29.128, 138.076 by changing the saturation by 10% instead.


 84, 29.128,
138.076

 84, 29.128,
138.076


 100, 29.128,
138.076


 74, 29.128,
138.076

 64, 29.128,
138.076

 54, 29.128,
138.076

 44, 29.128,
138.076

 34, 29.128,
138.076

 24, 29.128,
138.076

 14, 29.128,

138.076

■ 4, 29.128, 138.076

■ 0, 29.128, 138.076

■ 84, 29.128,
138.076

■ 84, 29.128,
138.076

■ 83, 42.453,
137.455

■ 86, 15.724,
138.635

■ 81, 55.481,
136.778

■ 87, 2.388, 139.199

■ 80, 67.929,
136.075

■ 89, 10.769,
319.500

■ 79, 79.414,
135.402

■ 91, 21.398,
323.306

■ 78, 89.439,

■ 92, 21.836,
325.184

134.853

■ 78, 97.429,
134.554

■ 77, 102.881,
134.625

■ 77, 105.574,
134.897

Harmonies

Complementary

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



84, 29.128, 138.076



75, 29.410, 320.157

Rectangle

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



84, 29.128, 138.076



84, 29.128, 188.076



84, 29.128, 318.076



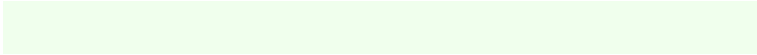
84, 29.128, 8.076

Sweetspot

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



84, 29.130, 138.077



99, 10.471, 138.883



84, 20.443, 97.874



52, 6.806, 138.852



0, 0.000, 0.000



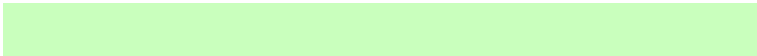
53, 0.007, 296.813

Same Dimension

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



84, 29.130, 138.077



95, 39.134, 137.811



84, 24.945, 152.626



45, 7.525, 138.760



62, 88.189, 134.754



15, 32.066, 136.664

Inverse Universe

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



75, 29.410, 320.157



83, 39.576, 320.356



76, 25.164, 335.819



43, 7.565, 319.586



35, 88.030, 321.176



5, 33.627, 321.566

Previews

White Background



This preview shows how the CIELCh color 84, 29.128, 138.076 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, 29.128, 138.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

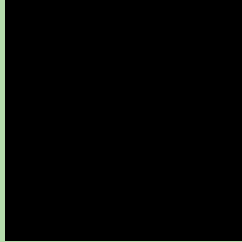
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 29.128, 138.076

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.128, 138.076.



This preview shows how white text looks on a background with the CIELCh color 84, 29.128, 138.076.

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](#).

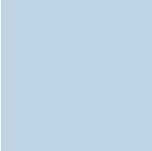
Dichromacy



Original Color
84, 29.128, 138.076

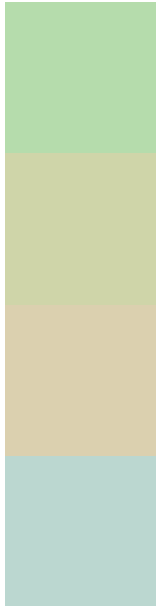
Protanopia
84, 22.587, 95.155

Deuteranopia
84, 20.651, 59.419



Tritanopia
84, 11.520, 250.422

Trichromacy



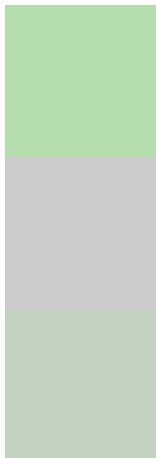
Original Color
84, 29.128, 138.076

Protanomaly
84, 23.104, 113.949

Deuteranomaly
84, 17.835, 94.809

Tritanomaly
84, 10.648, 178.363

Monochromacy



Original Color
84, 29.128, 138.076

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.396, 139.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.128, 138.076 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(181, 220, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 220, 172)  
}
```

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(181, 220, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 220, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.128, 138.076 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(181, 220, 172) }
```

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

```
.border{ border-color:rgb(181, 220, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 220, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 220, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 220, 172);  
box-shadow:4px 4px 4px 4px rgb(181, 220,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.128, 138.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 220, 172) }
```

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

```
.background{ background-color: rgb(181,  
220, 172) }
```

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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