

Converting Colors

CIELCh(84, 28.655, 136.875)

Have a look what the booklet for
CIELCh(84, 28.655, 136.875)
contains.

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Color

CIELCh(84, 28.753, 136.872)

Conversions

Conversions Part 1

Format	Color
Hex	B7DCAC
RGB	183, 220, 172
RGB Percent	72%, 86%, 67%
CMY	0.2833, 0.1382, 0.3264
CMYK	0.17, 0.00, 0.22, 0.14
HSL	106°, 41%, 77%
HSV	106°, 22%, 86%
XYZ	52.4249, 64.0658, 48.5151
YIQ	203.4650, -6.6440, -22.7720

Conversions

Conversions Part 2

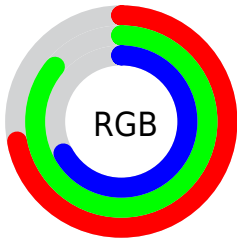
Format	Color
RYB	172, 220, 209
Decimal	12049580
CIELab	84.00, -20.98, 19.66
CIElCh	84, 28.753, 136.872
Yxy	64.0658, 0.3177, 0.3883
Android (android.graphics.Color)	4290239660 (0xFFB7DCAC)
YUV	203.4650, -15.5122, -17.9478
Hunter-Lab	80.0411, -23.1588, 20.0915

Details

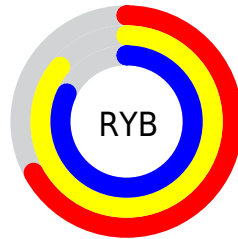
The CIELCh color $84, 28.753, 136.872$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $75, 29.102, 318.883$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 14.907, 131.794$, and $64, 28.702, 137.426$ is the 20% darker color. If you saturate the color by 10%, you get $83, 41.887, 136.287$, and if you desaturate by 10%, it is $86, 15.542, 137.405$.

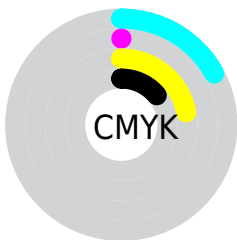
Distribution



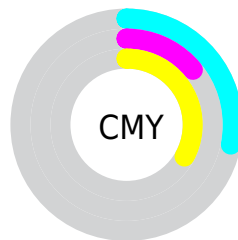
- Red (72%)
- Green (86%)
- Blue (67%)



- Red (67%)
- Yellow (86%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)



- Cyan (28%)
- Magenta (14%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 28.753, 136.872 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, 28.753, 136.872 by changing the saturation by 10% instead.

 84, 28.753,
136.872

 84, 28.753,
136.872


 100, 28.753,
136.872


 74, 28.753,
136.872

 64, 28.753,
136.872

 54, 28.753,
136.872

 44, 28.753,
136.872

 34, 28.753,
136.872

 24, 28.753,
136.872

 14, 28.753,

136.872

■ 4, 28.753, 136.872

■ 0, 28.753, 136.872

■ 84, 28.753,
136.872

■ 84, 28.753,
136.872

■ 83, 41.887,
136.287

■ 86, 15.542,
137.405

■ 81, 54.740,
135.659

■ 87, 2.392, 137.945

■ 80, 67.042,
135.019

■ 89, 10.594,
318.239

■ 79, 78.424,
134.427

■ 91, 21.248,
321.597

■ 78, 88.404,

■ 91, 22.061,
325.192

133.978

■ 78, 96.413,
133.798

■ 77, 101.952,
134.006

■ 77, 104.759,
134.399

Harmonies

Complementary

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



84, 28.753, 136.872



75, 29.102, 318.883

Rectangle

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



84, 28.753, 136.872



84, 28.753, 186.872



84, 28.753, 316.872



84, 28.753, 6.872

Sweetspot

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



84, 28.755, 136.873



99, 10.341, 137.644



84, 19.780, 95.722



52, 6.722, 137.614



0, 0.000, 0.000



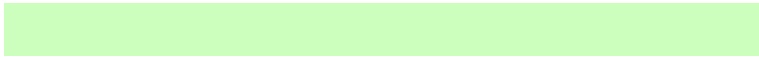
53, 0.007, 296.813

Same Dimension

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



84, 28.755, 136.873



95, 38.630, 136.623



84, 25.577, 151.349



45, 7.431, 137.526



62, 87.593, 134.233



16, 31.737, 135.862

Inverse Universe

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



75, 29.102, 318.883



83, 39.183, 319.077



76, 25.755, 334.451



43, 7.478, 318.324



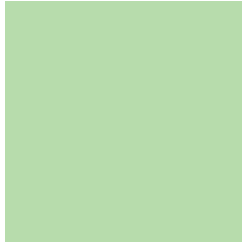
34, 88.576, 319.733



5, 33.343, 320.027

Previews

White Background



This preview shows how the CIELCh color 84, 28.753, 136.872 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, 28.753, 136.872 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, 28.753, 136.872

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.753, 136.872.



This preview shows how white text looks on a background with the CIELCh color 84, 28.753, 136.872.

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, 28.753, 136.872

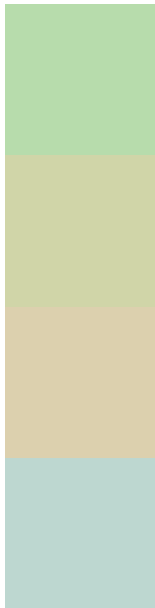
Protanopia
84, 23.096, 95.383

Deuteranopia
84, 20.651, 59.419



Tritanopia
84, 11.119, 253.093

Trichromacy



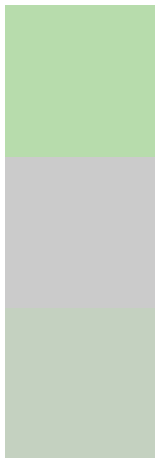
Original Color
84, 28.753, 136.872

Protanomaly
84, 23.579, 112.854

Deuteranomaly
84, 18.442, 93.950

Tritanomaly
84, 10.005, 177.058

Monochromacy



Original Color
84, 28.753, 136.872

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.213, 137.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.753, 136.872 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(183, 220, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 220, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 220, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.753, 136.872 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(183, 220, 172) }
```

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

```
.border{ border-color:rgb(183, 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(183, 220, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 220, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 220, 172); box-shadow:4px 4px 4px 4px rgb(183, 220, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.753, 136.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 220, 172) }
```

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

```
.background{ background-color: rgb(183,  
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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