

Converting Colors

CIELCh(88, 30.255, 144.784)

Have a look what the booklet for
CIELCh(88, 30.255, 144.784)
contains.

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Color

CIELCh(88, 29.959, 144.736)

Conversions

Conversions Part 1

Format	Color
Hex	B8E9BB
RGB	184, 233, 187
RGB Percent	72%, 91%, 73%
CMY	0.2784, 0.0862, 0.2666
CMYK	0.21, 0.00, 0.20, 0.09
HSL	124°, 53%, 82%
HSV	124°, 21%, 91%
XYZ	57.8836, 72.0653, 57.8795
YIQ	213.1050, -14.4380, -24.6940

Conversions

Conversions Part 2

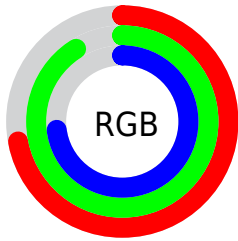
Format	Color
RYB	184, 230, 233
Decimal	12118459
CIELab	88.00, -24.46, 17.30
CIELCh	88, 29.959, 144.736
Yxy	72.0653, 0.3082, 0.3837
Android (android.graphics.Color)	4290308539 (0xFFB8E9BB)
YUV	213.1050, -12.8698, -25.5251
Hunter-Lab	84.8913, -26.8485, 18.9995

Details

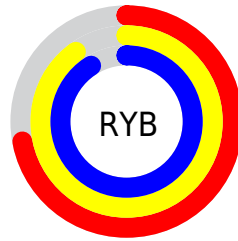
The CIELCh color **88, 29.959, 144.736** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 29.994, 327.315**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.881, 148.319**, and **68, 29.758, 145.002** is the 20% darker color. If you saturate the color by 10%, you get **86, 44.164, 143.883**, and if you desaturate by 10%, it is **90, 15.653, 145.472**.

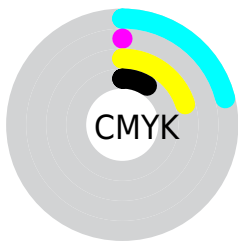
Distribution



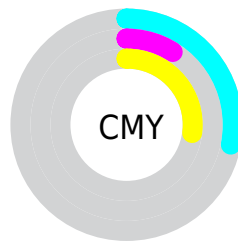
- Red (72%)
- Green (91%)
- Blue (73%)



- Red (72%)
- Yellow (90%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)




- Cyan (28%)
- Magenta (9%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 29.959, 144.736 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 88, 29.959, 144.736 by changing the saturation by 10% instead.


 88, 29.959,
144.736


 88, 29.959,
144.736


 100, 29.959,
144.736


 78, 29.959,
144.736

 68, 29.959,
144.736

 58, 29.959,
144.736

 48, 29.959,
144.736

 38, 29.959,
144.736


 28, 29.959,
144.736

 18, 29.959,

144.736


 8, 29.959, 144.736


 0, 29.959, 144.736

 88, 29.959,
144.736


 88, 29.959,
144.736


 86, 44.164,
143.883


 90, 15.653,
145.472


 85, 57.993,
142.898

 92, 1.443, 146.282

 84, 71.113,
141.781

 94, 12.524,
326.570

 83, 83.123,
140.556

 95, 13.725,
324.896

 82, 93.563,

139.279

■ 81, 101.942,
138.055

■ 81, 107.818,
137.020

■ 81, 110.841,
136.400

Harmonies

Complementary

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



88, 29.959, 144.736



80, 29.994, 327.315

Rectangle

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



88, 29.959, 144.736



88, 29.959, 194.736



88, 29.959, 324.736



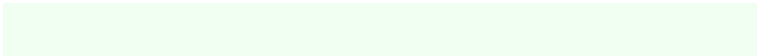
88, 29.959, 14.736

Sweetspot

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



88, 29.961, 144.736



99, 9.126, 145.809



91, 25.168, 110.267



52, 6.057, 145.765



0, 0.000, 0.000



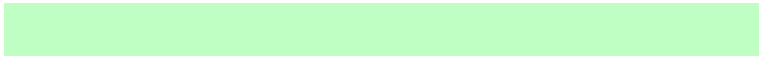
53, 0.007, 296.813

Same Dimension

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



88, 29.961, 144.736



95, 38.327, 144.402



89, 20.830, 164.520



48, 8.098, 145.578



64, 91.485, 136.523



18, 37.071, 139.350

Inverse Universe

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



80, 29.994, 327.315



85, 38.358, 327.550



80, 21.537, 348.390



46, 8.112, 326.642



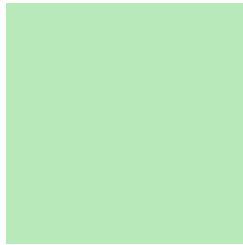
42, 85.180, 330.824



9, 36.733, 330.423

Previews

White Background



This preview shows how the CIELCh color 88, 29.959, 144.736 looks on a white background.

Color Contrast Check

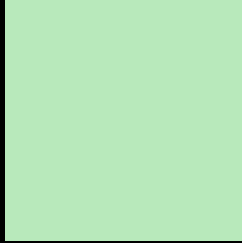
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 29.959, 144.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

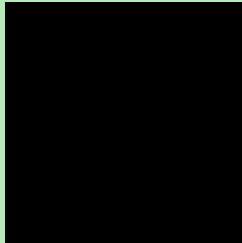
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 29.959, 144.736

Background



This preview shows how black text looks on a background with the CIELCh color 88, 29.959, 144.736.

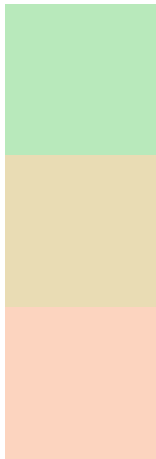


This preview shows how white text looks on a background with the CIELCh color 88, 29.959, 144.736.

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
88, 29.959, 144.736

Protanopia
88, 21.364, 94.793

Deuteranopia
88, 19.025, 55.066

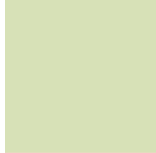


Tritanopia
88, 13.747, 242.259

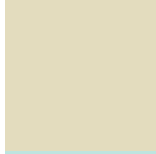
Trichromacy



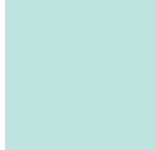
Original Color
88, 29.959, 144.736



Protanomaly
88, 22.087, 118.260

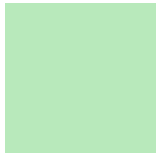


Deuteranomaly
88, 15.809, 99.180

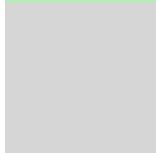


Tritanomaly
88, 13.428, 187.264

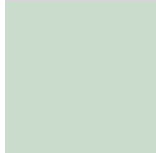
Monochromacy



Original Color
88, 29.959, 144.736



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 10.680, 147.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 29.959, 144.736 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, 233, 187)` looks like.

```
.text, #text, p{  
    color:rgb(184, 233, 187)  
}
```

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, 233, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 233, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 29.959, 144.736 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, 233, 187) }
```

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

```
.border{ border-color:rgb(184, 233, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 233, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 233, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 233, 187);  
box-shadow:4px 4px 4px 4px rgb(184, 233,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 29.959, 144.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 233, 187) }
```

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

```
.background{ background-color: rgb(184,  
233, 187) }
```

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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