

Converting Colors

CIELCh(88, 28.130, 150.003)

Have a look what the booklet for
CIELCh(88, 28.130, 150.003)
contains.

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Color

CIELCh(88, 28.153, 149.995)

Conversions

Conversions Part 1

Format	Color
Hex	B5E9C1
RGB	181, 233, 193
RGB Percent	71%, 91%, 76%
CMY	0.2896, 0.0856, 0.2425
CMYK	0.22, 0.00, 0.17, 0.09
HSL	134°, 54%, 81%
HSV	134°, 22%, 91%
XYZ	57.9170, 72.0653, 61.3975
YIQ	212.8920, -18.1520, -23.4640

Conversions

Conversions Part 2

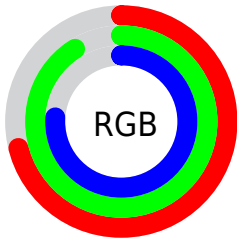
Format	Color
RYB	181, 223, 233
Decimal	11921857
CIELab	88.00, -24.38, 14.08
CIElCh	88, 28.153, 149.995
Yxy	72.0653, 0.3026, 0.3766
Android (android.graphics.Color)	4290111937 (0xFFB5E9C1)
YUV	212.8920, -9.8068, -27.9693
Hunter-Lab	84.8913, -26.7783, 16.5425

Details

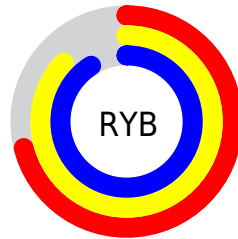
The CIELCh color **88, 28.153, 149.995** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 28.306, 333.086**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.452, 175.842**, and **68, 28.291, 149.831** is the 20% darker color. If you saturate the color by 10%, you get **86, 40.700, 149.060**, and if you desaturate by 10%, it is **90, 15.491, 150.808**.

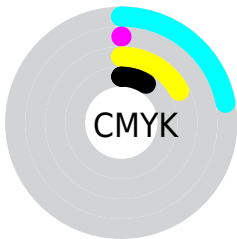
Distribution



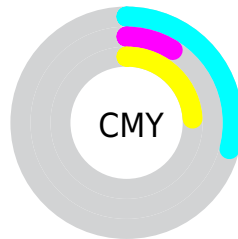
- Red (71%)
- Green (91%)
- Blue (76%)



- Red (71%)
- Yellow (87%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)




- Cyan (29%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 28.153, 149.995 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, 28.153, 149.995 by changing the saturation by 10% instead.


 88, 28.153,
149.995

 88, 28.153,
149.995


 100, 28.153,
149.995


 78, 28.153,
149.995

 68, 28.153,
149.995

 58, 28.153,
149.995

 48, 28.153,
149.995


 38, 28.153,
149.995


 28, 28.153,
149.995

 18, 28.153,


149.995


 8, 28.153, 149.995


 0, 28.153, 149.995

 88, 28.153,
149.995

 88, 28.153,
149.995

 86, 40.700,
149.060


 90, 15.491,
150.808


 85, 52.913,
147.979

 92, 2.878, 151.603

 84, 64.547,
146.735

 94, 9.555, 332.045

 83, 75.334,
145.318

 95, 13.635,
324.893

 82, 85.005,

143.737

■ 82, 93.319,
142.028

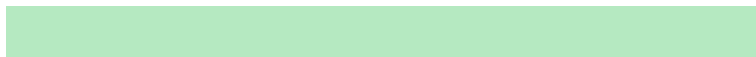
■ 81, 100.085,
140.266

■ 81, 104.219,
138.990

Harmonies

Complementary

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



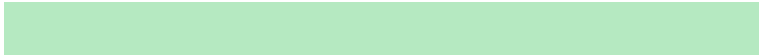
88, 28.153, 149.995



79, 28.306, 333.086

Rectangle

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



88, 28.153, 149.995



88, 28.153, 199.995



88, 28.153, 329.995



88, 28.153, 19.995

Sweetspot

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



88, 28.155, 149.995



98, 9.445, 151.204



90, 27.056, 117.145



52, 6.139, 151.158



0, 0.000, 0.000



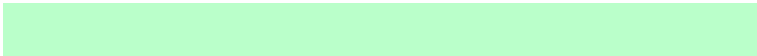
53, 0.007, 296.813

Same Dimension

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



88, 28.155, 149.995



94, 36.635, 149.560



89, 19.630, 174.997



48, 7.176, 151.022



64, 85.637, 139.285



18, 33.887, 142.792

Inverse Universe

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



79, 28.306, 333.086



83, 36.848, 333.426



79, 21.039, 359.455



46, 7.202, 332.204



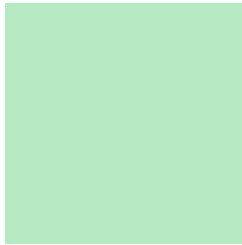
41, 74.842, 340.065



8, 32.849, 337.957

Previews

White Background



This preview shows how the CIELCh color 88, 28.153, 149.995 looks on a white background.

Color Contrast Check

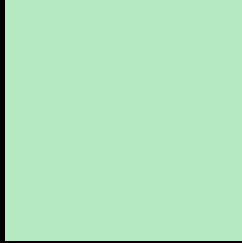
Large Text (above 18pt) WCAG AA × Fail

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 88, 28.153, 149.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

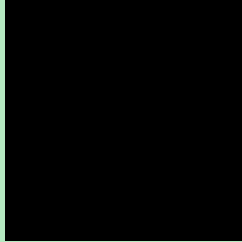
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

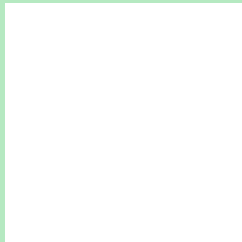
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 28.153, 149.995

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.153, 149.995.



This preview shows how white text looks on a background with the CIELCh color 88, 28.153, 149.995.

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](#).

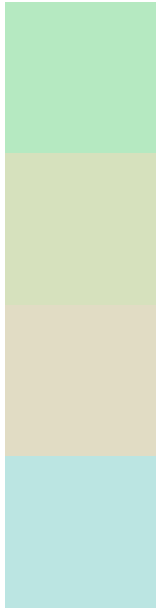
Dichromacy





Tritanopia
88, 14.923, 238.040

Trichromacy



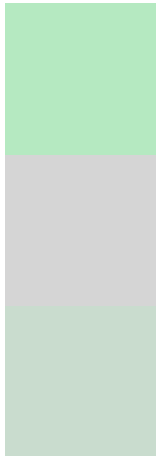
Original Color
88, 28.153, 149.995

Protanomaly
88, 19.135, 121.099

Deuteranomaly
88, 12.613, 100.561

Tritanomaly
88, 14.472, 192.209

Monochromacy



Original Color
88, 28.153, 149.995

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 10.106, 152.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 28.153, 149.995 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, 233, 193)` looks like.

```
.text, #text, p{  
    color:rgb(181, 233, 193)  
}
```

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, 233, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 233, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.153, 149.995 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, 233, 193) }
```

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

```
.border{ border-color:rgb(181, 233, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 233, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 233, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 233, 193);  
box-shadow:4px 4px 4px 4px rgb(181, 233,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.153, 149.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 233, 193) }
```

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

```
.background{ background-color: rgb(181,  
233, 193) }
```

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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