

Converting Colors

CIELCh(88, 29.107, 156.121)

Have a look what the booklet for
CIELCh(88, 29.107, 156.121)
contains.

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Color

CIELCh(88, 29.148, 156.121)

Conversions

Conversions Part 1

Format	Color
Hex	ADEAC5
RGB	173, 234, 197
RGB Percent	68%, 92%, 77%
CMY	0.3200, 0.0807, 0.2259
CMYK	0.26, 0.00, 0.16, 0.08
HSL	144°, 60%, 80%
HSV	144°, 26%, 92%
XYZ	56.9903, 72.0653, 63.9735
YIQ	211.5430, -24.4790, -24.4390

Conversions

Conversions Part 2

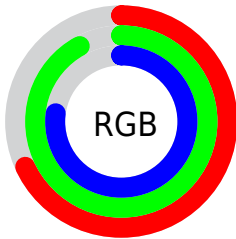
Format	Color
RYB	173, 217, 234
Decimal	11397829
CIELab	88.00, -26.65, 11.80
CIELCh	88, 29.148, 156.121
Yxy	72.0653, 0.2952, 0.3733
Android (android.graphics.Color)	4289587909 (0xFFFADEAC5)
YUV	211.5430, -7.1697, -33.8022
Hunter-Lab	84.8913, -28.7268, 14.7433

Details

The CIELCh color **88, 29.148, 156.121** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 29.685, 340.415**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.893, 195.619**, and **68, 29.264, 156.037** is the 20% darker color. If you saturate the color by 10%, you get **87, 40.107, 155.049**, and if you desaturate by 10%, it is **90, 17.973, 157.065**.

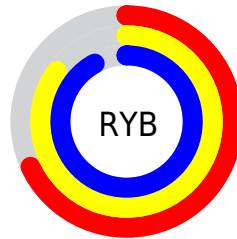
Distribution



Red (68%)

Green (92%)

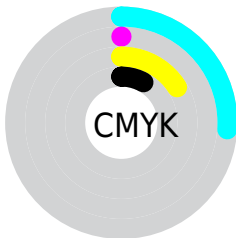
Blue (77%)



Red (68%)

Yellow (85%)

Blue (92%)

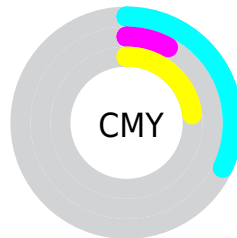


Cyan (26%)

Magenta (0%)

Yellow (16%)

Black (8%)



Cyan (32%)


Magenta (8%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 29.148, 156.121 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, 29.148, 156.121 by changing the saturation by 10% instead.


 88, 29.148,
156.121

 88, 29.148,
156.121


 100, 29.148,
156.121


 78, 29.148,
156.121

 68, 29.148,
156.121

 58, 29.148,
156.121

 48, 29.148,
156.121

 38, 29.148,
156.121


 28, 29.148,
156.121

 18, 29.148,


156.121


 8, 29.148, 156.121


 0, 29.148, 156.121

 88, 29.148,
156.121

 88, 29.148,
156.121

 87, 40.107,
155.049


 90, 17.973,
157.065


 85, 50.659,
153.825

 92, 6.738, 157.930


 84, 60.601,
152.425

 94, 4.426, 338.510


 83, 69.739,
150.828


 95, 12.547,
325.797


 83, 77.910,

 95, 12.843,
324.864

149.025

 82, 85.014,
147.026

 82, 91.037,
144.874

 82, 93.207,
144.035

Harmonies

Complementary

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



88, 29.148, 156.121



77, 29.685, 340.415

Rectangle

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



88, 29.148, 156.121



88, 29.148, 206.121



88, 29.148, 336.121



88, 29.148, 26.121

Sweetspot

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



88, 29.150, 156.120



98, 9.582, 157.757



90, 32.563, 123.545



52, 6.814, 157.628



0, 0.000, 0.000



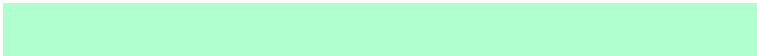
53, 0.007, 296.813

Same Dimension

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



88, 29.150, 156.120



94, 37.077, 155.590



89, 20.829, 187.707



48, 6.363, 157.635



65, 76.148, 144.426



19, 30.009, 148.295

Inverse Universe

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



77, 29.685, 340.415



81, 37.864, 340.892



77, 23.872, 12.432



46, 6.414, 338.999



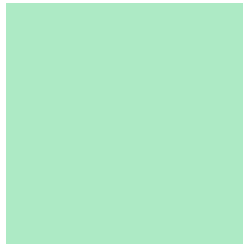
39, 67.798, 352.276



8, 29.915, 347.575

Previews

White Background



This preview shows how the CIELCh color 88, 29.148, 156.121 looks on a white background.

Color Contrast Check

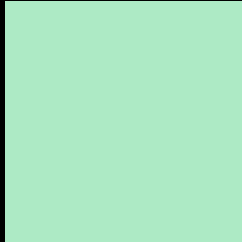
Large Text (above 18pt) WCAG AA × Fail

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, 29.148, 156.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

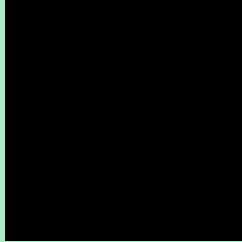
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

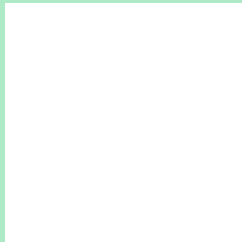
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 29.148, 156.121

Background



This preview shows how black text looks on a background with the CIELCh color 88, 29.148, 156.121.

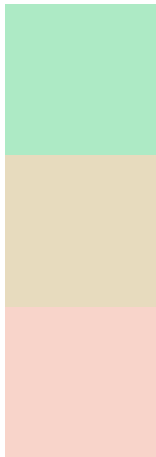


This preview shows how white text looks on a background with the CIELCh color 88, 29.148, 156.121.

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, 29.148, 156.121

Protanopia
88, 15.754, 92.031

Deuteranopia
88, 14.608, 41.041

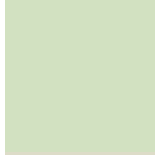


Tritanopia
88, 17.138, 232.048

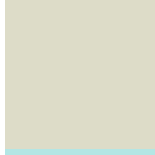
Trichromacy



Original Color
88, 29.148, 156.121



Protanomaly
88, 17.564, 127.319



Deuteranomaly
87, 10.412, 107.251

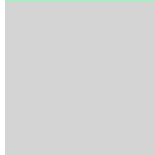


Tritanomaly
88, 16.908, 194.726

Monochromacy



Original Color
88, 29.148, 156.121



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 10.511, 158.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 29.148, 156.121 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(173, 234, 197)` looks like.

```
.text, #text, p{  
    color:rgb(173, 234, 197)  
}
```

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(173, 234, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 234, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 29.148, 156.121 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(173, 234, 197) }
```

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

```
.border{ border-color:rgb(173, 234, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 234, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 234, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 234, 197);  
box-shadow:4px 4px 4px 4px rgb(173, 234,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 29.148, 156.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 234, 197) }
```

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

```
.background{ background-color: rgb(173,  
234, 197) }
```

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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