

Converting Colors

CIELCh(88, 36.693, 146.193)

Have a look what the booklet for
CIELCh(88, 36.693, 146.193)
contains.

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Color

CIELCh(88, 36.693, 146.193)

Conversions

Conversions Part 1

Format	Color
Hex	ADECB5
RGB	173, 236, 181
RGB Percent	68%, 93%, 71%
CMY	0.3223, 0.0753, 0.2909
CMYK	0.27, 0.00, 0.23, 0.08
HSL	128°, 62%, 80%
HSV	128°, 27%, 92%
XYZ	55.4489, 72.0653, 54.6005
YIQ	210.8930, -19.8930, -30.4610

Conversions

Conversions Part 2

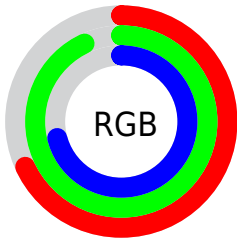
Format	Color
RYB	173, 229, 236
Decimal	11398325
CIELab	88.00, -30.49, 20.42
CIELCh	88, 36.693, 146.193
Yxy	72.0653, 0.3045, 0.3957
Android (android.graphics.Color)	4289588405 (0xFFFADEC B5)
YUV	210.8930, -14.7372, -33.2322
Hunter-Lab	84.8913, -31.9678, 21.2897

Details

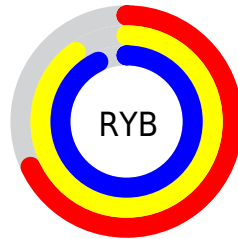
The CIELCh color **88, 36.693, 146.193** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 36.765, 329.704**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.782, 152.834**, and **68, 36.757, 146.211** is the 20% darker color. If you saturate the color by 10%, you get **86, 50.231, 145.241**, and if you desaturate by 10%, it is **90, 22.931, 147.014**.

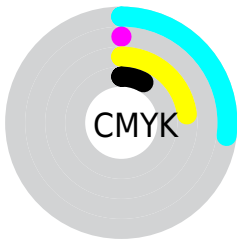
Distribution



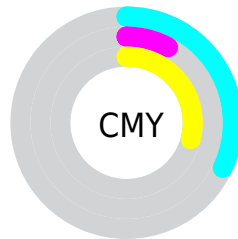
- Red (68%)
- Green (93%)
- Blue (71%)



- Red (68%)
- Yellow (90%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 36.693, 146.193 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, 36.693, 146.193 by changing the saturation by 10% instead.


 88, 36.693,
146.193


 88, 36.693,
146.193


 100, 36.693,
146.193


 78, 36.693,
146.193

 68, 36.693,
146.193

 58, 36.693,
146.193

 48, 36.693,
146.193

 38, 36.693,
146.193


 28, 36.693,
146.193


 18, 36.693,


146.193


 8, 36.693, 146.193


 0, 36.693, 146.193

 88, 36.693,
146.193

 88, 36.693,
146.193

 86, 50.231,
145.241


 90, 22.931,
147.014


 85, 63.266,
144.143

 92, 9.159, 147.733

 84, 75.475,
142.899

 94, 4.456, 328.220

 95, 11.978,
324.832

 83, 86.498,
141.528

 83, 95.953,

140.085

■ 82, 103.468,
138.663

■ 82, 108.745,
137.400

■ 82, 110.017,
137.079

Harmonies

Complementary

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



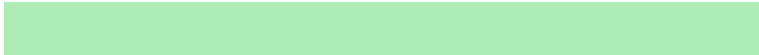
88, 36.693, 146.193



78, 36.765, 329.704

Rectangle

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



88, 36.693, 146.193



88, 36.693, 196.193



88, 36.693, 326.193



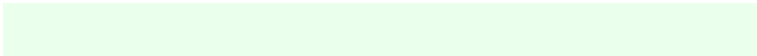
88, 36.693, 16.193

Sweetspot

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



88, 36.695, 146.193



98, 11.639, 147.641



91, 32.299, 112.629



52, 8.280, 147.536



0, 0.000, 0.000



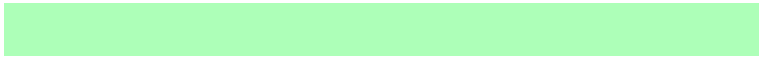
53, 0.007, 296.813

Same Dimension

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



88, 36.695, 146.193



93, 46.766, 145.694



89, 25.298, 167.859



48, 7.732, 147.541



64, 89.818, 137.284



18, 35.838, 140.587

Inverse Universe

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



78, 36.765, 329.704



81, 46.826, 330.038



77, 26.780, 353.201



46, 7.750, 328.641



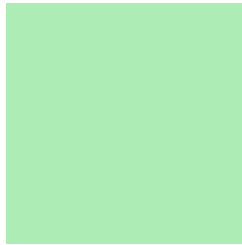
42, 80.910, 334.024



9, 35.151, 333.075

Previews

White Background



This preview shows how the CIE LCh color 88, 36.693, 146.193 looks on a white background.

Color Contrast Check

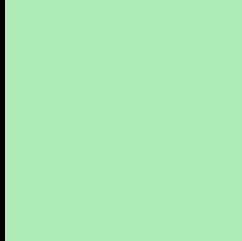
Large Text (above 18pt) WCAG AA × Fail

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, 36.693, 146.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

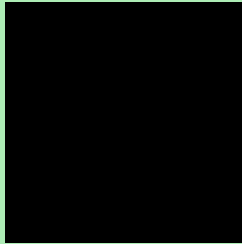
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 36.693, 146.193

Background



This preview shows how black text looks on a background with the CIELCh color 88, 36.693, 146.193.



This preview shows how white text looks on a background with the CIELCh color 88, 36.693, 146.193.

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



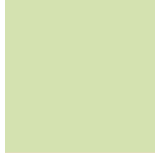


Tritanopia
88, 16.393, 233.854

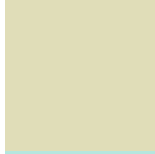
Trichromacy



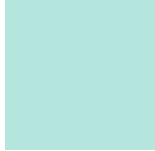
Original Color
88, 36.693, 146.193



Protanomaly
88, 26.403, 119.723



Deuteranomaly
87, 19.233, 105.139

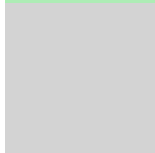


Tritanomaly
88, 17.351, 184.251

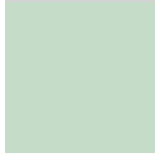
Monochromacy



Original Color
88, 36.693, 146.193



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 13.483, 147.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 36.693, 146.193 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, 236, 181)` looks like.

```
.text, #text, p{  
    color:rgb(173, 236, 181)  
}
```

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, 236, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 236, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 36.693, 146.193 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, 236, 181) }
```

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

```
.border{ border-color:rgb(173, 236, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 236, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 236, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 236, 181);  
box-shadow:4px 4px 4px 4px rgb(173, 236,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 36.693, 146.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 236, 181) }
```

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

```
.background{ background-color: rgb(173,  
236, 181) }
```

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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