

Converting Colors

CIELCh(88, 33.769, 149.496)

Have a look what the booklet for
CIELCh(88, 33.769, 149.496)
contains.

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Color

CIELCh(88, 33.631, 149.456)

Conversions

Conversions Part 1

Format	Color
Hex	ADEBBB
RGB	173, 235, 187
RGB Percent	68%, 92%, 73%
CMY	0.3206, 0.0775, 0.2657
CMYK	0.26, 0.00, 0.20, 0.08
HSL	134°, 61%, 80%
HSV	134°, 26%, 92%
XYZ	56.0582, 72.0653, 58.1000
YIQ	210.9900, -21.5440, -28.0720

Conversions

Conversions Part 2

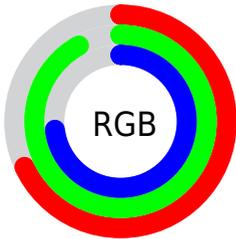
Format	Color
RYB	173, 224, 235
Decimal	11398075
CIELab	88.00, -28.96, 17.09
CIElCh	88, 33.631, 149.456
Yxy	72.0653, 0.3010, 0.3870
Android (android.graphics.Color)	4289588155 (0xFFADEFBB)
YUV	210.9900, -11.8271, -33.3172
Hunter-Lab	84.8913, -30.6868, 18.8455

Details

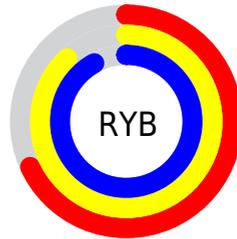
The CIELCh color **88, 33.631, 149.456** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 33.818, 333.182**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.993, 164.933**, and **68, 33.564, 149.677** is the 20% darker color. If you saturate the color by 10%, you get **86, 46.209, 148.466**, and if you desaturate by 10%, it is **90, 20.854, 150.313**.

Distribution



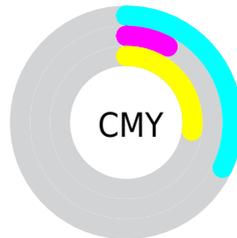
- Red (68%)
- Green (92%)
- Blue (73%)



- Red (68%)
- Yellow (88%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (32%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 33.631, 149.456 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, 33.631, 149.456 by changing the saturation by 10% instead.

 88, 33.631,
149.456

 88, 33.631,
149.456

 100, 33.631,
149.456

 78, 33.631,
149.456

 68, 33.631,
149.456

 58, 33.631,
149.456

 48, 33.631,
149.456

 38, 33.631,
149.456

 28, 33.631,
149.456

 18, 33.631,

149.456

 8, 33.631, 149.456

 0, 33.631, 149.456

 88, 33.631,
149.456

 88, 33.631,
149.456

 86, 46.209,
148.466

 90, 20.854,
150.313

 85, 58.350,
147.323

 92, 8.064, 151.074

 84, 69.795,
146.011

 94, 4.591, 331.588

 95, 12.326,
324.845

 83, 80.267,
144.529

 83, 89.498,

142.896

■ 82, 97.258,
141.164

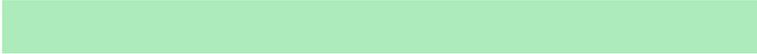
■ 82, 103.375,
139.433

■ 82, 105.230,
138.866

Harmonies

Complementary

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



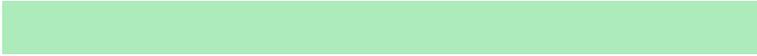
88, 33.631, 149.456



78, 33.818, 333.182

Rectangle

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



88, 33.631, 149.456



88, 33.631, 199.456



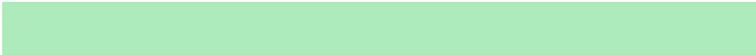
88, 33.631, 329.456



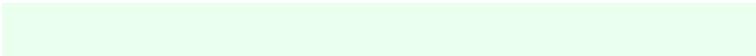
88, 33.631, 19.456

Sweetspot

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



88, 33.633, 149.456



98, 10.841, 150.949



91, 32.143, 116.870



52, 7.712, 150.837



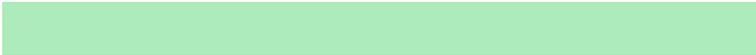
0, 0.000, 0.000



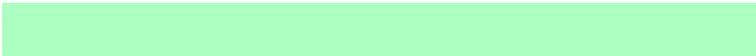
53, 0.007, 296.813

Same Dimension

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



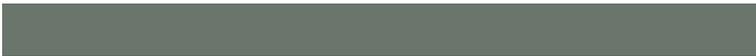
88, 33.633, 149.456



94, 43.514, 148.901



89, 23.218, 174.561



48, 7.202, 150.843



64, 85.877, 139.166



18, 33.989, 142.669

Inverse Universe

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



78, 33.818, 333.182



80, 43.757, 333.594



77, 25.222, 359.984



46, 7.227, 332.020



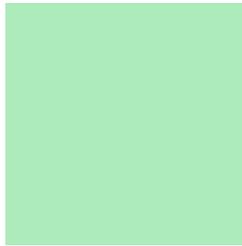
41, 75.111, 339.745



8, 32.953, 337.702

Previews

White Background



This preview shows how the CIELCh color 88, 33.631, 149.456 looks on a white background.

Color Contrast Check

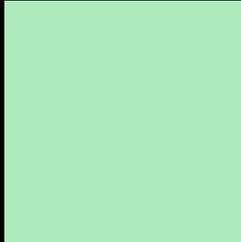
Large Text (above 18pt) WCAG AA × Fail

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, 33.631, 149.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

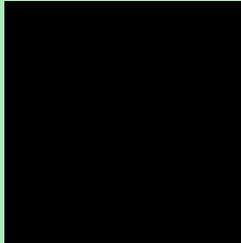
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

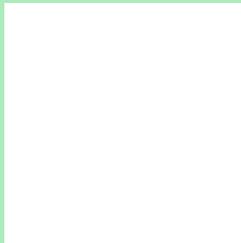
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 33.631, 149.456

Background



This preview shows how black text looks on a background with the CIELCh color 88, 33.631, 149.456.



This preview shows how white text looks on a background with the CIELCh color 88, 33.631, 149.456.

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, 16.643, 233.236

Trichromacy



Original Color
88, 33.631, 149.456



Protanomaly
88, 22.419, 122.025



Deuteranomaly
87, 15.633, 104.693



Tritanomaly
88, 17.352, 187.791

Monochromacy



Original Color
88, 33.631, 149.456



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 12.664, 150.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 33.631, 149.456 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, 235, 187)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 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(173, 235, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 33.631, 149.456 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, 235, 187) }
```

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

```
.border{ border-color:rgb(173, 235, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 235, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 187);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 33.631, 149.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 187) }
```

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

```
.background{ background-color: rgb(173,  
235, 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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