

Converting Colors

CIELCh(88, 43.409, 135.968)

Have a look what the booklet for
CIELCh(88, 43.409, 135.968)
contains.

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Color

CIELCh(88, 43.523, 135.901)

Conversions

Conversions Part 1

Format	Color
Hex	B4ECA2
RGB	180, 236, 162
RGB Percent	71%, 93%, 64%
CMY	0.2954, 0.0758, 0.3659
CMYK	0.24, 0.00, 0.31, 0.08
HSL	105°, 66%, 78%
HSV	105°, 31%, 92%
XYZ	55.1442, 72.0653, 45.0430
YIQ	210.8200, -9.6220, -34.8860

Conversions

Conversions Part 2

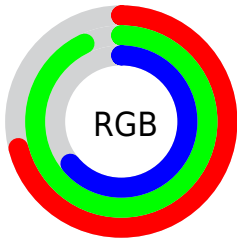
Format	Color
RYB	162, 236, 218
Decimal	11857058
CIELab	88.00, -31.26, 30.29
CIELCh	88, 43.523, 135.901
Yxy	72.0653, 0.3201, 0.4184
Android (android.graphics.Color)	4290047138 (0xFFB4ECA2)
YUV	210.8200, -24.0683, -27.0291
Hunter-Lab	84.8913, -32.6085, 27.9648

Details

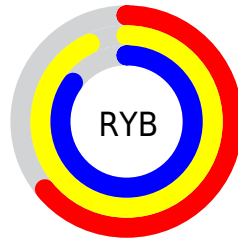
The CIELCh color **88, 43.523, 135.901** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74, 44.320, 318.871**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 20.394, 127.459**, and **68, 43.374, 135.894** is the 20% darker color. If you saturate the color by 10%, you get **87, 57.084, 135.287**, and if you desaturate by 10%, it is **90, 29.682, 136.477**.

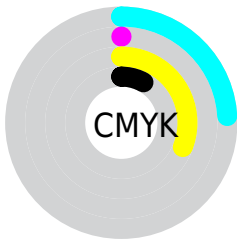
Distribution



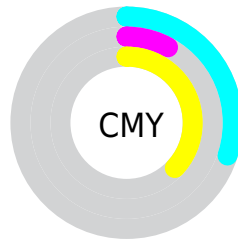
- Red (71%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (85%)



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)





- Cyan (30%)
- Magenta (8%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 43.523, 135.901 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, 43.523, 135.901 by changing the saturation by 10% instead.


 88, 43.523,
135.901


 88, 43.523,
135.901


 100, 43.523,
135.901


 78, 43.523,
135.901

 68, 43.523,
135.901

 58, 43.523,
135.901

 48, 43.523,
135.901

 38, 43.523,
135.901


 28, 43.523,
135.901


 18, 43.523,

135.901

 8, 43.523, 135.901


 0, 43.523, 135.901


 88, 43.523,
135.901


 88, 43.523,
135.901

 87, 57.084,
135.287


 90, 29.682,
136.477


 85, 70.076,
134.664


 91, 15.759,
137.002


 84, 82.115,
134.093

 93, 1.905, 137.563

 84, 92.692,
133.670

 95, 11.338,
318.965

 83, 101.206,

 95, 12.057,
324.835

133.522

■ 83, 107.122,
133.770

■ 82, 110.214,
134.249

Harmonies

Complementary

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



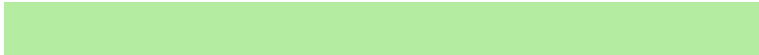
88, 43.523, 135.901



74, 44.320, 318.871

Rectangle

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



88, 43.523, 135.901



88, 43.523, 185.901



88, 43.523, 315.901



88, 43.523, 5.901

Sweetspot

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



88, 43.525, 135.902



98, 13.256, 137.119



87, 29.737, 93.372



52, 9.219, 137.046



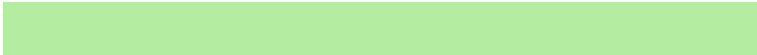
0, 0.000, 0.000



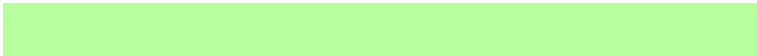
53, 0.007, 296.813

Same Dimension

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



88, 43.525, 135.902



93, 55.994, 135.488



87, 39.335, 149.833



48, 7.822, 137.098



65, 90.250, 134.067



19, 36.230, 134.183

Inverse Universe

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



74, 44.320, 318.871



75, 57.214, 319.155



75, 39.616, 334.497



46, 7.875, 317.895



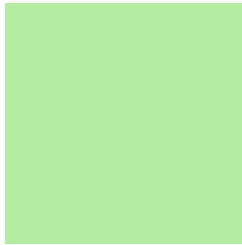
35, 91.674, 319.232



7, 38.600, 320.240

Previews

White Background



This preview shows how the CIELCh color 88, 43.523, 135.901 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, 43.523, 135.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

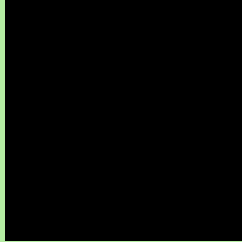
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 43.523, 135.901

Background



This preview shows how black text looks on a background with the CIELCh color 88, 43.523, 135.901.

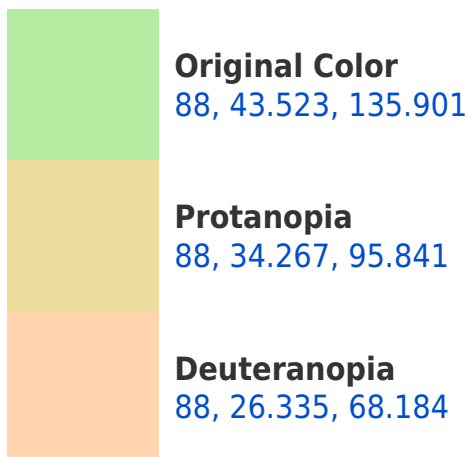


This preview shows how white text looks on a background with the CIELCh color 88, 43.523, 135.901.

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, 13.979, 241.357

Trichromacy



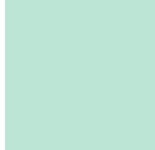
Original Color
88, 43.523, 135.901



Protanomaly
88, 35.656, 113.551



Deuteranomaly
88, 26.539, 102.020

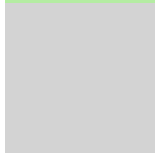


Tritanomaly
88, 16.774, 168.374

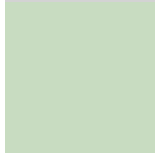
Monochromacy



Original Color
88, 43.523, 135.901



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 15.985, 136.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 43.523, 135.901 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(180, 236, 162)` looks like.

```
.text, #text, p{  
    color:rgb(180, 236, 162)  
}
```

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(180, 236, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 236, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 43.523, 135.901 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(180, 236, 162) }
```

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

```
.border{ border-color:rgb(180, 236, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 236, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 236, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 236, 162);  
box-shadow:4px 4px 4px 4px rgb(180, 236,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 43.523, 135.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 236, 162) }
```

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

```
.background{ background-color: rgb(180,  
236, 162) }
```

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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