

Converting Colors

CIELCh(88, 38.452, 139.250)

Have a look what the booklet for
CIELCh(88, 38.452, 139.250)
contains.

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Color

CIELCh(88, 38.494, 139.418)

Conversions

Conversions Part 1

Format	Color
Hex	B4EBAC
RGB	180, 235, 172
RGB Percent	71%, 92%, 67%
CMY	0.2943, 0.0786, 0.3256
CMYK	0.23, 0.00, 0.27, 0.08
HSL	112°, 61%, 80%
HSV	112°, 27%, 92%
XYZ	55.9496, 72.0653, 49.9693
YIQ	211.3730, -12.5570, -31.2530

Conversions

Conversions Part 2

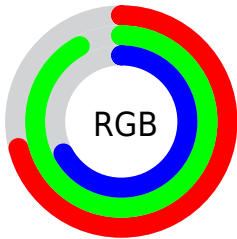
Format	Color
RYB	172, 235, 227
Decimal	11856812
CIELab	88.00, -29.24, 25.04
CIElCh	88, 38.494, 139.418
Yxy	72.0653, 0.3144, 0.4049
Android (android.graphics.Color)	4290046892 (0xFFB4EBAC)
YUV	211.3730, -19.4109, -27.5141
Hunter-Lab	84.8913, -30.9151, 24.5242

Details

The CIELCh color **88, 38.494, 139.418** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 38.779, 322.215**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.208, 134.226**, and **68, 38.646, 139.247** is the 20% darker color. If you saturate the color by 10%, you get **86, 52.671, 138.693**, and if you desaturate by 10%, it is **90, 24.107, 140.065**.

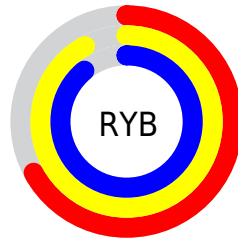
Distribution



Red (71%)

Green (92%)

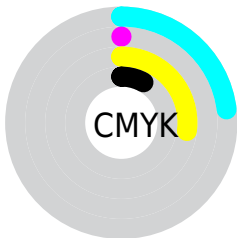
Blue (67%)



Red (67%)

Yellow (92%)

Blue (89%)

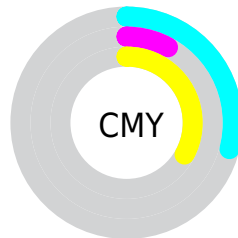


Cyan (23%)

Magenta (0%)

Yellow (27%)

Black (8%)



Cyan (29%)

Magenta (8%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 38.494, 139.418 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, 38.494, 139.418 by changing the saturation by 10% instead.


 88, 38.494,
139.418

 88, 38.494,
139.418


 100, 38.494,
139.418


 78, 38.494,
139.418

 68, 38.494,
139.418

 58, 38.494,
139.418

 48, 38.494,
139.418

 38, 38.494,
139.418


 28, 38.494,
139.418

 18, 38.494,


139.418

 8, 38.494, 139.418


 0, 38.494, 139.418


 88, 38.494,
139.418

 88, 38.494,
139.418

 86, 52.671,
138.693


 90, 24.107,
140.065


 85, 66.345,
137.901


 92, 9.715, 140.640

 84, 79.139,
137.082

 94, 4.524, 321.037

 83, 90.561,
136.309

 95, 12.508,
324.851

 83, 100.017,

135.695

■ 82, 106.902,
135.376

■ 82, 110.880,
135.434

■ 82, 111.736,
135.463

Harmonies

Complementary

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



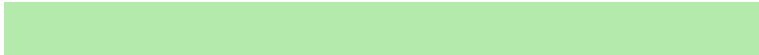
88, 38.494, 139.418



77, 38.779, 322.215

Rectangle

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



88, 38.494, 139.418



88, 38.494, 189.418



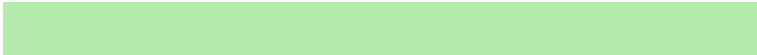
88, 38.494, 319.418



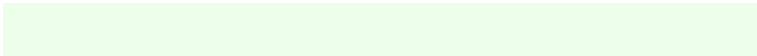
88, 38.494, 9.418

Sweetspot

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



88, 38.496, 139.419



98, 12.202, 140.572



90, 28.307, 101.179



52, 8.680, 140.488



0, 0.000, 0.000



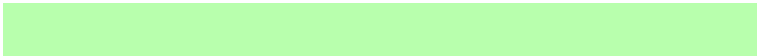
53, 0.007, 296.813

Same Dimension

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



88, 38.496, 139.419



94, 49.038, 139.041



88, 30.703, 154.875



48, 8.106, 140.492



64, 91.787, 135.355



19, 37.155, 136.187

Inverse Universe

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



77, 38.779, 322.215



80, 49.445, 322.460



77, 31.193, 339.207



46, 8.138, 321.379



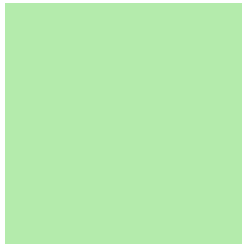
39, 90.213, 323.353



8, 38.546, 324.042

Previews

White Background



This preview shows how the CIELCh color 88, 38.494, 139.418 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, 38.494, 139.418 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, 38.494, 139.418

Background



This preview shows how black text looks on a background with the CIELCh color 88, 38.494, 139.418.

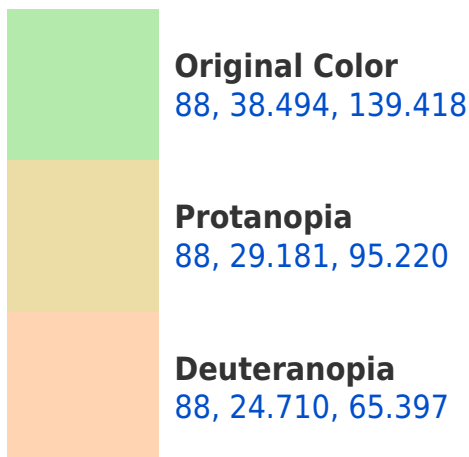


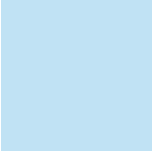
This preview shows how white text looks on a background with the CIELCh color 88, 38.494, 139.418.

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



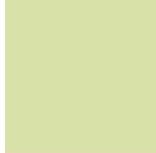


Tritanopia
88, 14.442, 239.634

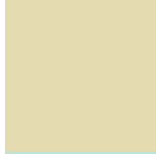
Trichromacy



Original Color
88, 38.494, 139.418



Protanomaly
88, 29.613, 114.492



Deuteranomaly
87, 23.032, 100.495

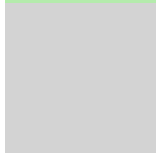


Tritanomaly
88, 15.477, 176.533

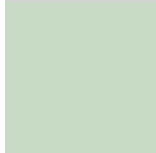
Monochromacy



Original Color
88, 38.494, 139.418



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 14.152, 140.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 38.494, 139.418 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, 235, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 235, 172)  
}
```

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, 235, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 235, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 38.494, 139.418 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, 235, 172) }
```

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

```
.border{ border-color:rgb(180, 235, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 235, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 235, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 235, 172); box-shadow:4px 4px 4px 4px rgb(180, 235, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 38.494, 139.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 235, 172) }
```

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

```
.background{ background-color: rgb(180,  
235, 172) }
```

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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