

Converting Colors

CIELCh(88, 45.336, 142.305)

Have a look what the booklet for
CIELCh(88, 45.336, 142.305)
contains.

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Color

CIELCh(88, 45.473, 141.981)

Conversions

Conversions Part 1

Format	Color
Hex	A7EEA6
RGB	167, 238, 166
RGB Percent	65%, 93%, 65%
CMY	0.3454, 0.0669, 0.3493
CMYK	0.30, 0.00, 0.30, 0.07
HSL	119°, 68%, 79%
HSV	119°, 30%, 93%
XYZ	53.3517, 72.0653, 47.1420
YIQ	208.5630, -19.2040, -37.4440

Conversions

Conversions Part 2

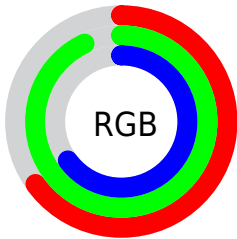
Format	Color
RYB	166, 238, 237
Decimal	11005606
CIELab	88.00, -35.82, 28.01
CIELCh	88, 45.473, 141.981
Yxy	72.0653, 0.3092, 0.4176
Android (android.graphics.Color)	4289195686 (0xFFA7EEA6)
YUV	208.5630, -20.9836, -36.4508
Hunter-Lab	84.8913, -36.3776, 26.4988

Details

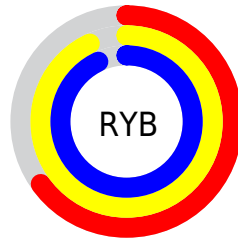
The CIELCh color **88, 45.473, 141.981** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 45.499, 325.692**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 20.655, 141.329**, and **68, 45.394, 142.024** is the 20% darker color. If you saturate the color by 10%, you get **86, 60.088, 141.053**, and if you desaturate by 10%, it is **90, 30.470, 142.792**.

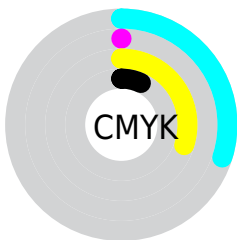
Distribution



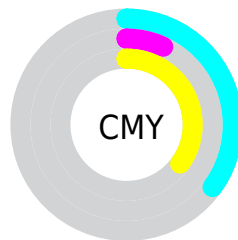
- Red (65%)
- Green (93%)
- Blue (65%)



- Red (65%)
- Yellow (93%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)





- Cyan (35%)
- Magenta (7%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 45.473, 141.981 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, 45.473, 141.981 by changing the saturation by 10% instead.


 88, 45.473,
141.981


 88, 45.473,
141.981


 100, 45.473,
141.981


 78, 45.473,
141.981

 68, 45.473,
141.981

 58, 45.473,
141.981

 48, 45.473,
141.981

 38, 45.473,
141.981


 28, 45.473,
141.981


 18, 45.473,


141.981


 8, 45.473, 141.981


 0, 45.473, 141.981


 88, 45.473,
141.981

 88, 45.473,
141.981

 86, 60.088,
141.053


 90, 30.470,
142.792


 85, 73.931,
140.018


 92, 15.365,
143.492

 84, 86.529,
138.918


 94, 0.376, 144.832


 83, 97.314,
137.838

 96, 10.645,
324.783

 83, 105.663,

136.910

 83, 111.054,
136.280

 82, 113.594,
135.974

Harmonies

Complementary

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



88, 45.473, 141.981



77, 45.499, 325.692

Rectangle

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



88, 45.473, 141.981



88, 45.473, 191.981



88, 45.473, 321.981



88, 45.473, 11.981

Sweetspot

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



88, 45.475, 141.981



98, 14.246, 143.572



92, 36.032, 106.522



52, 9.909, 143.477



0, 0.000, 0.000



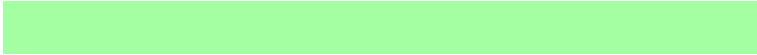
53, 0.007, 296.813

Same Dimension

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



88, 45.475, 141.981



93, 57.044, 141.450



89, 31.887, 159.957



49, 8.556, 143.543



65, 93.513, 135.958



19, 39.560, 137.584

Inverse Universe

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



77, 45.499, 325.692



79, 57.028, 325.992



76, 33.002, 345.551



47, 8.571, 324.567



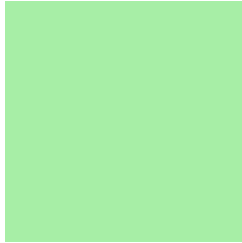
43, 90.349, 327.686



10, 39.438, 327.762

Previews

White Background



This preview shows how the CIELCh color 88, 45.473, 141.981 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, 45.473, 141.981 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, 45.473, 141.981

Background



This preview shows how black text looks on a background with the CIELCh color 88, 45.473, 141.981.

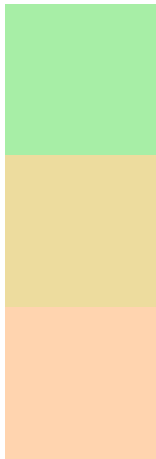


This preview shows how white text looks on a background with the CIELCh color 88, 45.473, 141.981.

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, 45.473, 141.981

Protanopia
88, 32.771, 95.485

Deuteranopia
88, 25.923, 67.523

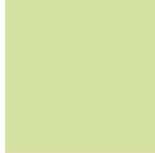


Tritanopia
88, 17.644, 230.944

Trichromacy



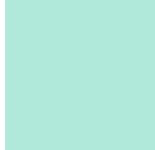
Original Color
88, 45.473, 141.981



Protanomaly
88, 34.435, 117.133



Deuteranomaly
87, 25.388, 106.275

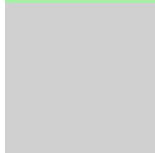


Tritanomaly
88, 20.888, 175.915

Monochromacy



Original Color
88, 45.473, 141.981



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 16.715, 143.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 45.473, 141.981 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(167, 238, 166)` looks like.

```
.text, #text, p{  
    color:rgb(167, 238, 166)  
}
```

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(167, 238, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 238, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 45.473, 141.981 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(167, 238, 166) }
```

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

```
.border{ border-color:rgb(167, 238, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 238, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 238, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 238, 166); box-shadow:4px 4px 4px 4px rgb(167, 238, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 45.473, 141.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 238, 166) }
```

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

```
.background{ background-color: rgb(167,  
238, 166) }
```

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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