

Converting Colors

CIELCh(84, 45.215, 138.427)

Have a look what the booklet for
CIELCh(84, 45.215, 138.427)
contains.

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Color

CIELCh(84, 45.213, 138.426)

Conversions

Conversions Part 1

Format	Color
Hex	A2E197
RGB	162, 225, 151
RGB Percent	64%, 88%, 59%
CMY	0.3630, 0.1159, 0.4062
CMYK	0.28, 0.00, 0.33, 0.12
HSL	111°, 56%, 74%
HSV	111°, 33%, 88%
XYZ	47.6531, 64.0658, 39.3098
YIQ	197.7270, -13.7940, -36.3700

Conversions

Conversions Part 2

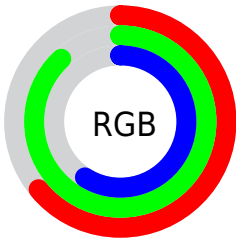
Format	Color
RYB	151, 225, 214
Decimal	10674583
CIELab	84.00, -33.82, 30.00
CIElCh	84, 45.213, 138.426
Yxy	64.0658, 0.3155, 0.4242
Android (android.graphics.Color)	4288864663 (0xFFA2E197)
YUV	197.7270, -23.0364, -31.3326
Hunter-Lab	80.0411, -33.8005, 26.9102

Details

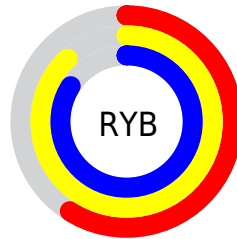
The CIELCh color **84, 45.213, 138.426** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 45.677, 321.830**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 28.398, 136.540**, and **64, 45.185, 138.365** is the 20% darker color. If you saturate the color by 10%, you get **83, 58.594, 137.692**, and if you desaturate by 10%, it is **86, 31.487, 139.095**.

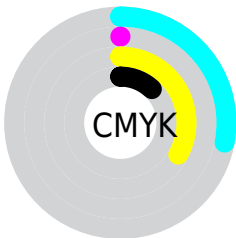
Distribution



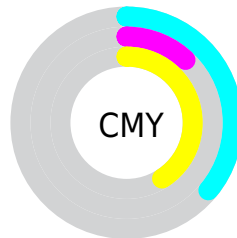
- Red (64%)
- Green (88%)
- Blue (59%)



- Red (59%)
- Yellow (88%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (33%)
- Black (12%)





- Cyan (36%)
- Magenta (12%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 45.213, 138.426 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 84, 45.213, 138.426 by changing the saturation by 10% instead.


 84, 45.213,
138.426


 84, 45.213,
138.426


 100, 45.213,
138.426


 74, 45.213,
138.426

 64, 45.213,
138.426

 54, 45.213,
138.426

 44, 45.213,
138.426

 34, 45.213,
138.426

 24, 45.213,
138.426

 14, 45.213,

138.426

■ 4, 45.213, 138.426

■ 0, 45.213, 138.426

■ 84, 45.213,
138.426

■ 84, 45.213,
138.426

■ 83, 58.594,
137.692

■ 86, 31.487,
139.095

■ 82, 71.309,
136.920

■ 87, 17.648,
139.691

■ 81, 82.939,
136.170

■ 89, 3.870, 140.252


■ 80, 92.955,
135.538


■ 91, 9.722, 320.604

■ 93, 18.480,
325.066

■ 79, 100.761,

135.154

 79, 105.873,
135.135

 79, 108.039,
135.278

Harmonies

Complementary

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



84, 45.213, 138.426



71, 45.677, 321.830

Rectangle

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



84, 45.213, 138.426



84, 45.213, 188.426



84, 45.213, 318.426



84, 45.213, 8.426

Sweetspot

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



84, 45.215, 138.427



98, 15.168, 139.844



85, 32.957, 99.564



52, 10.357, 139.766



0, 0.000, 0.000



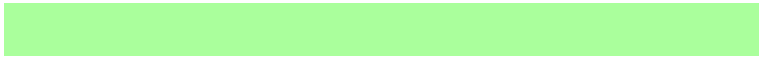
53, 0.007, 296.813

Same Dimension

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



84, 45.215, 138.427



93, 59.130, 137.961



84, 36.734, 153.557



46, 7.762, 139.878



63, 89.624, 135.157



16, 33.948, 136.787

Inverse Universe

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



71, 45.677, 321.830



76, 59.802, 322.106



71, 37.336, 338.953



44, 7.796, 320.739



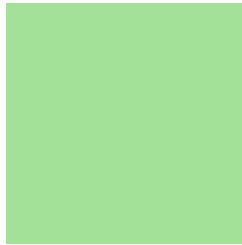
37, 88.541, 322.562



6, 35.628, 323.180

Previews

White Background



This preview shows how the CIELCh color 84, 45.213, 138.426 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 84, 45.213, 138.426 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 84, 45.213, 138.426

Background



This preview shows how black text looks on a background with the CIELCh color 84, 45.213, 138.426.

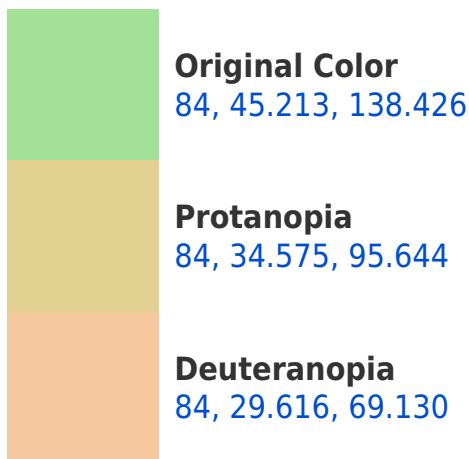


This preview shows how white text looks on a background with the CIELCh color 84, 45.213, 138.426.

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



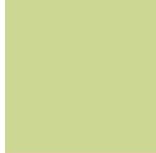


Tritanopia
84, 15.751, 235.979

Trichromacy



Original Color
84, 45.213, 138.426



Protanomaly
84, 35.557, 114.828



Deuteranomaly
83, 28.345, 102.035

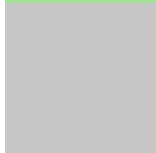


Tritanomaly
84, 18.965, 171.607

Monochromacy



Original Color
84, 45.213, 138.426



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 16.718, 139.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 45.213, 138.426 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(162, 225, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 225, 151)  
}
```

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(162, 225, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 225, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 45.213, 138.426 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(162, 225, 151) }
```

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

```
.border{ border-color:rgb(162, 225, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 225, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 225, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 225, 151);  
box-shadow:4px 4px 4px 4px rgb(162, 225,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 45.213, 138.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 225, 151) }
```

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

```
.background{ background-color: rgb(162,  
225, 151) }
```

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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