

Converting Colors

CIELCh(84, 43.286, 136.606)

Have a look what the booklet for
CIELCh(84, 43.286, 136.606)
contains.

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Color

CIELCh(84, 43.036, 136.462)

Conversions

Conversions Part 1

Format	Color
Hex	A8E098
RGB	168, 224, 152
RGB Percent	66%, 88%, 60%
CMY	0.3403, 0.1206, 0.4030
CMYK	0.25, 0.00, 0.32, 0.12
HSL	107°, 54%, 74%
HSV	107°, 32%, 88%
XYZ	48.6046, 64.0658, 39.6070
YIQ	199.0480, -10.2640, -34.2640

Conversions

Conversions Part 2

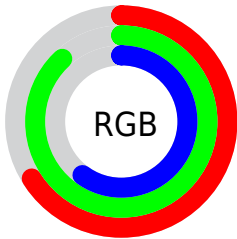
Format	Color
RYB	152, 224, 208
Decimal	11067544
CIELab	84.00, -31.20, 29.64
CIELCh	84, 43.036, 136.462
Yxy	64.0658, 0.3192, 0.4207
Android (android.graphics.Color)	4289257624 (0xFFA8E098)
YUV	199.0480, -23.1947, -27.2291
Hunter-Lab	80.0411, -31.6786, 26.6901

Details

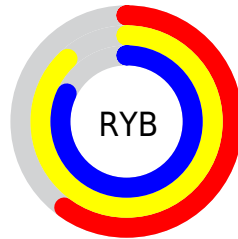
The CIELCh color $84, 43.036, 136.462$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $70, 43.753, 319.548$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 26.937, 133.159$, and $64, 42.937, 136.429$ is the 20% darker color. If you saturate the color by 10%, you get $83, 56.116, 135.825$, and if you desaturate by 10%, it is $85, 29.665, 137.057$.

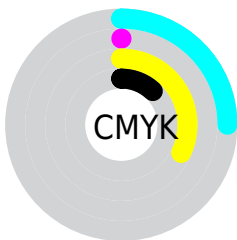
Distribution



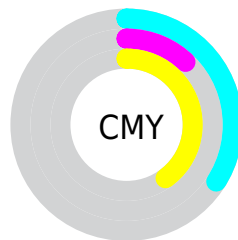
- Red (66%)
- Green (88%)
- Blue (60%)



- Red (60%)
- Yellow (88%)
- Blue (82%)



- Cyan (25%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (34%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 43.036, 136.462 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, 43.036, 136.462 by changing the saturation by 10% instead.

 84, 43.036,
136.462

 84, 43.036,
136.462

 100, 43.036,
136.462


 74, 43.036,
136.462

 64, 43.036,
136.462

 54, 43.036,
136.462

 44, 43.036,
136.462

 34, 43.036,
136.462

 24, 43.036,
136.462


 14, 43.036,


136.462


 4, 43.036, 136.462


 0, 43.036, 136.462


 84, 43.036,
136.462


 84, 43.036,
136.462

 83, 56.116,
135.825


 85, 29.665,
137.057

 82, 68.619,
135.175

 87, 16.205,
137.595


 81, 80.164,
134.573

 89, 2.806, 138.129

 80, 90.254,
134.114

 91, 10.426,
318.438

 79, 98.306,

 93, 19.238,
325.093

133.928

■ 79, 103.820,
134.131

■ 79, 106.504,
134.500

Harmonies

Complementary

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



84, 43.036, 136.462



70, 43.753, 319.548

Rectangle

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



84, 43.036, 136.462



84, 43.036, 186.462



84, 43.036, 316.462



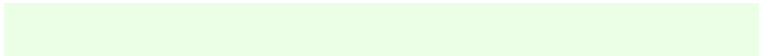
84, 43.036, 6.462

Sweetspot

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



84, 43.038, 136.463



98, 14.830, 137.699



83, 29.678, 94.440



52, 10.125, 137.627



0, 0.000, 0.000



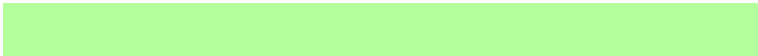
53, 0.007, 296.813

Same Dimension

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



84, 43.038, 136.463



93, 57.800, 136.009



83, 38.157, 150.376



46, 7.589, 137.731



63, 88.664, 134.337



17, 33.365, 135.441

Inverse Universe

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



70, 43.753, 319.548



75, 58.940, 319.846



71, 38.475, 335.224



44, 7.635, 318.535



35, 89.446, 319.959



6, 35.295, 320.597

Previews

White Background



This preview shows how the CIELCh color 84, 43.036, 136.462 looks on a white background.

Color Contrast Check

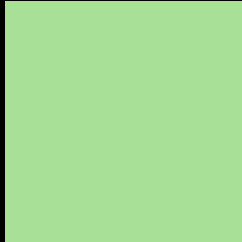
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 43.036, 136.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

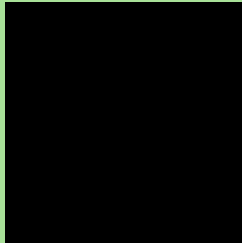
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 43.036, 136.462

Background



This preview shows how black text looks on a background with the CIELCh color 84, 43.036, 136.462.

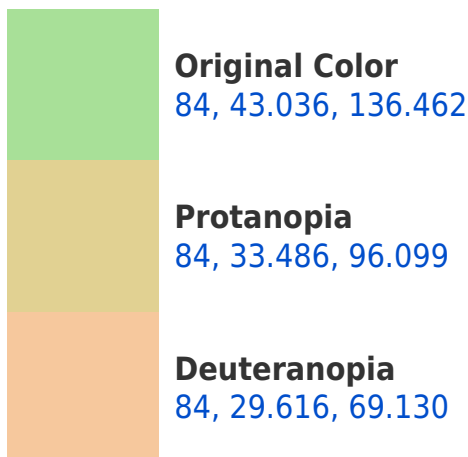


This preview shows how white text looks on a background with the CIELCh color 84, 43.036, 136.462.

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, 14.000, 238.854

Trichromacy



Original Color
84, 43.036, 136.462



Protanomaly
84, 35.000, 114.336



Deuteranomaly
83, 28.438, 100.428

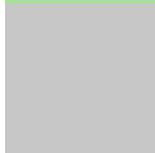


Tritanomaly
84, 17.213, 168.816

Monochromacy



Original Color
84, 43.036, 136.462



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 15.691, 137.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 43.036, 136.462 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(168, 224, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 224, 152)  
}
```

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(168, 224, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 224, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 43.036, 136.462 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(168, 224, 152) }
```

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

```
.border{ border-color:rgb(168, 224, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 224, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 224, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 224, 152); box-shadow:4px 4px 4px 4px rgb(168, 224, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 43.036, 136.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 224, 152) }
```

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

```
.background{ background-color: rgb(168,  
224, 152) }
```

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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