

Converting Colors

CIELCh(84, 45.795, 136.496)

Have a look what the booklet for
CIELCh(84, 45.795, 136.496)
contains.

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Color

CIELCh(84, 45.971, 136.372)

Conversions

Conversions Part 1	
Format	Color
Hex	A5E194
RGB	165, 225, 148
RGB Percent	65%, 88%, 58%
CMY	0.3525, 0.1172, 0.4192
CMYK	0.27, 0.00, 0.34, 0.12
HSL	107°, 56%, 73%
HSV	107°, 34%, 88%
XYZ	47.8507, 64.0658, 37.9059
YIQ	198.2820, -11.0430, -36.6670

Conversions

Conversions Part 2

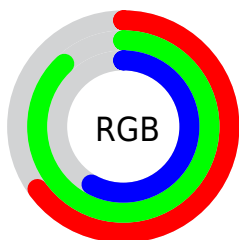
Format	Color
RYB	148, 225, 208
Decimal	10871188
CIELab	84.00, -33.28, 31.72
CIELCh	84, 45.971, 136.372
Yxy	64.0658, 0.3194, 0.4276
Android (android.graphics.Color)	4289061268 (0xFFA5E194)
YUV	198.2820, -24.7890, -29.1883
Hunter-Lab	80.0411, -33.3598, 27.9502

Details

The CIELCh color **84, 45.971, 136.372** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 46.774, 319.682**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 29.253, 133.340**, and **64, 45.951, 136.260** is the 20% darker color. If you saturate the color by 10%, you get **83, 59.003, 135.727**, and if you desaturate by 10%, it is **85, 32.594, 136.979**.

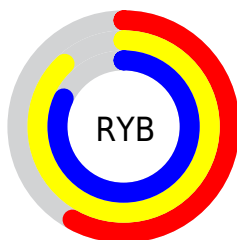
Distribution



Red (65%)

Green (88%)

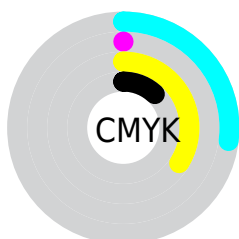
Blue (58%)



Red (58%)

Yellow (88%)

Blue (82%)

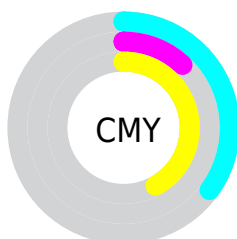


Cyan (27%)

Magenta (0%)

Yellow (34%)

Black (12%)



Cyan (35%)


Magenta (12%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 45.971, 136.372 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, 45.971, 136.372 by changing the saturation by 10% instead.


 84, 45.971,
136.372


 84, 45.971,
136.372


 100, 45.971,
136.372


 74, 45.971,
136.372

 64, 45.971,
136.372

 54, 45.971,
136.372

 44, 45.971,
136.372

 34, 45.971,
136.372


 24, 45.971,
136.372


 14, 45.971,


136.372


 4, 45.971, 136.372


 0, 45.971, 136.372


 84, 45.971,
136.372


 84, 45.971,
136.372

 83, 59.003,
135.727


 85, 32.594,
136.979

 82, 71.383,
135.079


 87, 19.090,
137.530

 81, 82.706,
134.494

 89, 5.619, 138.041


 80, 92.446,
134.079


 91, 7.702, 318.394


 93, 18.278,
323.047

 79, 100.019,

133.962

 93, 18.688,
325.073

 79, 104.976,
134.249

 79, 106.845,
134.521

Harmonies

Complementary

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



84, 45.971, 136.372



70, 46.774, 319.682

Rectangle

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



84, 45.971, 136.372



84, 45.971, 186.372



84, 45.971, 316.372



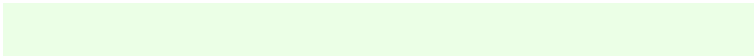
84, 45.971, 6.372

Sweetspot

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



84, 45.973, 136.373



98, 14.836, 137.743



83, 31.727, 94.174



52, 10.130, 137.671



0, 0.000, 0.000



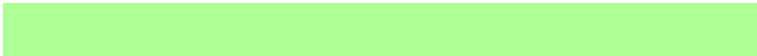
53, 0.007, 296.813

Same Dimension

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



84, 45.973, 136.373



93, 60.701, 135.918



83, 40.728, 150.159



46, 7.592, 137.774



63, 88.687, 134.357



17, 33.376, 135.469

Inverse Universe

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



70, 46.774, 319.682



74, 61.933, 319.971



71, 41.069, 335.387



44, 7.638, 318.580



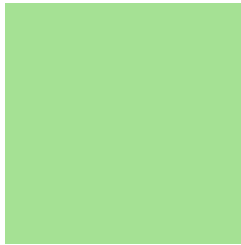
35, 89.426, 320.009



6, 35.303, 320.649

Previews

White Background



This preview shows how the CIELCh color 84, 45.971, 136.372 looks on a white background.

Color Contrast Check

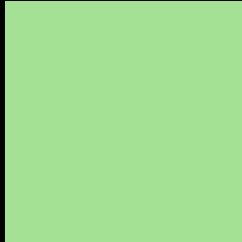
Large Text (above 18pt) WCAG AA × Fail

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, 45.971, 136.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

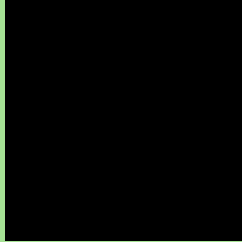
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 45.971, 136.372

Background



This preview shows how black text looks on a background with the CIELCh color 84, 45.971, 136.372.



This preview shows how white text looks on a background with the CIELCh color 84, 45.971, 136.372.

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

84, 45.971, 136.372

Protanopia

84, 36.076, 95.953

Deuteranopia

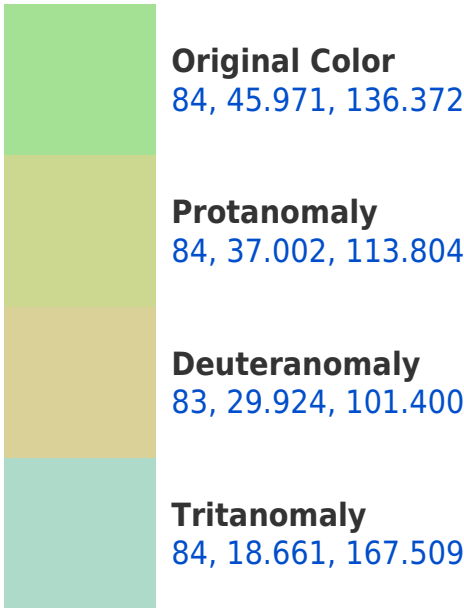
84, 31.171, 70.133



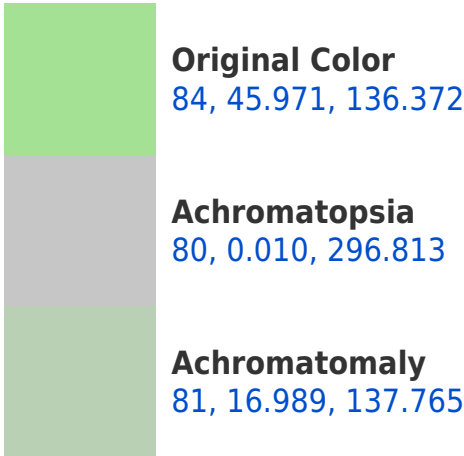
Tritanopia

84, 14.729, 236.440

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 45.971, 136.372 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(165, 225, 148)` looks like.

```
.text, #text, p{  
    color:rgb(165, 225, 148)  
}
```

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(165, 225, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 225, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 45.971, 136.372 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(165, 225, 148) }
```

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

```
.border{ border-color:rgb(165, 225, 148) }
```

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

Here you see how a box with a 4 pixel rgb(165, 225, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 225, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 225, 148);  
box-shadow:4px 4px 4px 4px rgb(165, 225,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 45.971, 136.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 225, 148) }
```

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

```
.background{ background-color: rgb(165,  
225, 148) }
```

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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