

Converting Colors

CIELCh(84, 36.676, 143.680)

Have a look what the booklet for
CIELCh(84, 36.676, 143.680)
contains.

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Color

CIELCh(84, 37.037, 143.551)

Conversions

Conversions Part 1

Format	Color
Hex	A5E0A7
RGB	165, 224, 167
RGB Percent	65%, 88%, 65%
CMY	0.3531, 0.1218, 0.3453
CMYK	0.26, 0.00, 0.25, 0.12
HSL	122°, 49%, 76%
HSV	122°, 26%, 88%
XYZ	49.1189, 64.0658, 46.3126
YIQ	199.8610, -16.8670, -30.2350

Conversions

Conversions Part 2

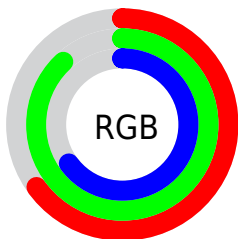
Format	Color
RYB	165, 222, 224
Decimal	10870951
CIELab	84.00, -29.79, 22.00
CIElCh	84, 37.037, 143.551
Yxy	64.0658, 0.3080, 0.4017
Android (android.graphics.Color)	4289061031 (0xFFA5E0A7)
YUV	199.8610, -16.2005, -30.5731
Hunter-Lab	80.0411, -30.5315, 21.7230

Details

The CIELCh color $84, 37.037, 143.551$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $75, 37.054, 326.820$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 20.836, 144.422$, and $64, 36.526, 143.524$ is the 20% darker color. If you saturate the color by 10%, you get $82, 50.886, 142.641$, and if you desaturate by 10%, it is $86, 22.949, 144.337$.

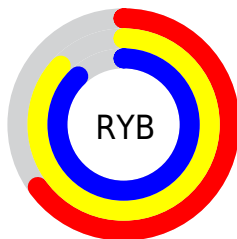
Distribution



Red (65%)

Green (88%)

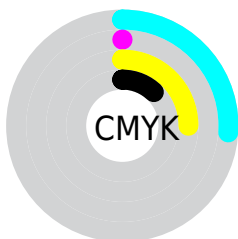
Blue (65%)



Red (65%)

Yellow (87%)

Blue (88%)

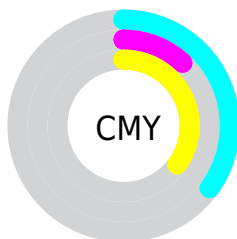


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (12%)



Cyan (35%)


Magenta (12%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 37.037, 143.551 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, 37.037, 143.551 by changing the saturation by 10% instead.


 84, 37.037,
143.551


 84, 37.037,
143.551


 100, 37.037,
143.551


 74, 37.037,
143.551

 64, 37.037,
143.551

 54, 37.037,
143.551

 44, 37.037,
143.551

 34, 37.037,
143.551


 24, 37.037,
143.551


 14, 37.037,


143.551


 4, 37.037, 143.551


 0, 37.037, 143.551

 84, 37.037,
143.551


 84, 37.037,
143.551

 82, 50.886,
142.641

 86, 22.949,
144.337


 81, 64.183,
141.603

 88, 8.855, 145.023


 80, 76.546,
140.454

 90, 5.069, 325.497

 79, 87.520,
139.245

 92, 18.700,
326.017

 79, 96.594,

 92, 19.422,
325.099

138.069

■ 78, 103.258,
137.061

■ 78, 107.185,
136.361

■ 78, 108.015,
136.233

Harmonies

Complementary

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



84, 37.037, 143.551



75, 37.054, 326.820

Rectangle

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



84, 37.037, 143.551



84, 37.037, 193.551



84, 37.037, 323.551



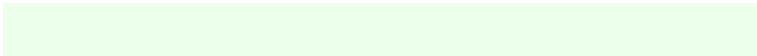
84, 37.037, 13.551

Sweetspot

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



84, 37.039, 143.551



98, 12.420, 144.909



88, 30.430, 109.073



52, 8.837, 144.809



0, 0.000, 0.000



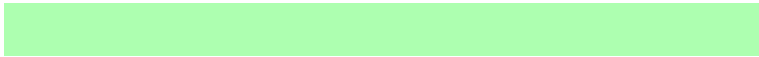
53, 0.007, 296.813

Same Dimension

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



84, 37.039, 143.551



93, 49.899, 143.031



85, 25.499, 163.037



46, 7.955, 144.817



63, 90.036, 136.308



16, 34.659, 140.041

Inverse Universe

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



75, 37.054, 326.820



81, 49.881, 327.143



74, 26.501, 347.979



44, 7.968, 325.863



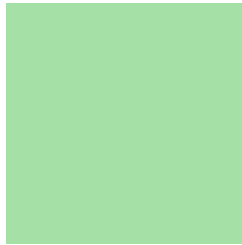
41, 85.203, 329.623



8, 35.122, 329.382

Previews

White Background



This preview shows how the CIELCh color 84, 37.037, 143.551 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, 37.037, 143.551 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, 37.037, 143.551

Background



This preview shows how black text looks on a background with the CIELCh color 84, 37.037, 143.551.



This preview shows how white text looks on a background with the CIELCh color 84, 37.037, 143.551.

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](#).

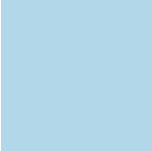
Dichromacy



Original Color
84, 37.037, 143.551

Protanopia
84, 25.843, 94.604

Deuteranopia
84, 22.454, 62.545

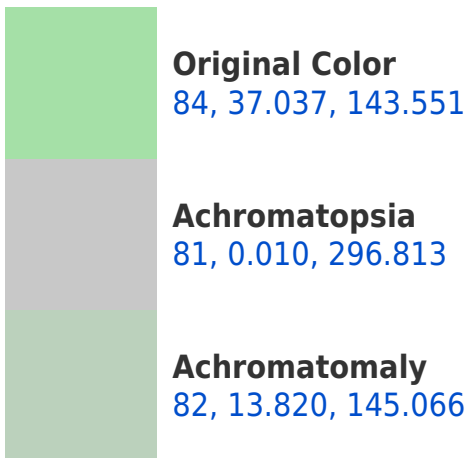


Tritanopia
84, 15.505, 236.684

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 37.037, 143.551 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, 224, 167)` looks like.

```
.text, #text, p{  
    color:rgb(165, 224, 167)  
}
```

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, 224, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 224, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 37.037, 143.551 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, 224, 167) }
```

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

```
.border{ border-color:rgb(165, 224, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 224, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 224, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 224, 167);  
box-shadow:4px 4px 4px 4px rgb(165, 224,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 37.037, 143.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 224, 167) }
```

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

```
.background{ background-color: rgb(165,  
224, 167) }
```

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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