

Converting Colors

CIELCh(84, 30.401, 159.634)

Have a look what the booklet for
CIELCh(84, 30.401, 159.634)
contains.

CIELCh(84, 30.414, 160.057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 30.414, 160.057)

Conversions

Conversions Part 1

Format	Color
Hex	9CE0BD
RGB	156, 224, 189
RGB Percent	61%, 88%, 74%
CMY	0.3882, 0.1215, 0.2587
CMYK	0.30, 0.00, 0.16, 0.12
HSL	149°, 52%, 75%
HSV	149°, 30%, 88%
XYZ	49.5617, 64.0658, 57.9078
YIQ	199.6780, -29.2930, -25.3010

Conversions

Conversions Part 2

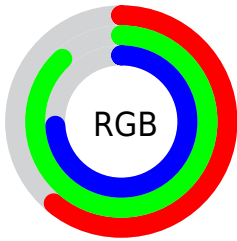
Format	Color
RYB	156, 202, 224
Decimal	10281149
CIELab	84.00, -28.59, 10.37
CIELCh	84, 30.414, 160.057
Yxy	64.0658, 0.2889, 0.3735
Android (android.graphics.Color)	4288471229 (0xFF9CE0BD)
YUV	199.6780, -5.2643, -38.3056
Hunter-Lab	80.0411, -29.5442, 13.1339

Details

The CIELCh color **84, 30.414, 160.057** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 31.490, 345.658**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.601, 179.260**, and **64, 30.143, 160.656** is the 20% darker color. If you saturate the color by 10%, you get **83, 40.006, 158.883**, and if you desaturate by 10%, it is **86, 20.510, 161.100**.

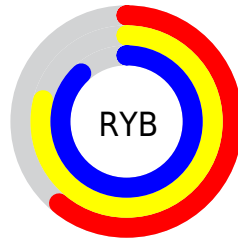
Distribution



Red (61%)

Green (88%)

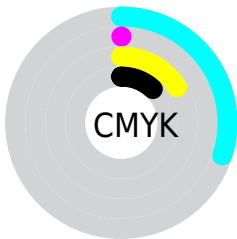
Blue (74%)



Red (61%)

Yellow (79%)

Blue (88%)

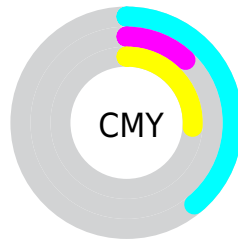


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (39%)


Magenta (12%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 30.414, 160.057 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, 30.414, 160.057 by changing the saturation by 10% instead.


 84, 30.414,
160.057


 84, 30.414,
160.057


 100, 30.414,
160.057


 74, 30.414,
160.057

 64, 30.414,
160.057

 54, 30.414,
160.057

 44, 30.414,
160.057

 34, 30.414,
160.057

 24, 30.414,
160.057

 14, 30.414,

160.057

■ 4, 30.414, 160.057

■ 0, 30.414, 160.057

■ 84, 30.414,
160.057

■ 84, 30.414,
160.057

■ 83, 40.006,
158.883

■ 86, 20.510,
161.100

■ 82, 49.109,
157.554

■ 87, 10.444,
162.045

■ 81, 57.552,
156.044

■ 89, 0.350, 164.082

■ 80, 65.186,
154.332

■ 91, 9.667, 343.546

■ 92, 16.068,
333.845

■ 79, 71.907,

152.405

92, 19.378,
325.098

79, 77.687,
150.273

79, 82.503,
148.105

Harmonies

Complementary

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



84, 30.414, 160.057



72, 31.490, 345.658

Rectangle

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



84, 30.414, 160.057



84, 30.414, 210.057



84, 30.414, 340.057



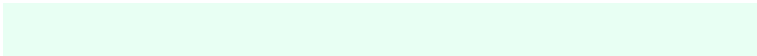
84, 30.414, 30.057

Sweetspot

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



84, 30.415, 160.056



98, 10.081, 162.164



85, 37.388, 127.053



52, 7.007, 162.029



0, 0.000, 0.000



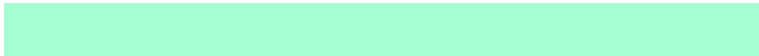
53, 0.007, 296.813

Same Dimension

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



84, 30.415, 160.056



93, 39.841, 159.381



85, 22.307, 196.351



46, 5.734, 162.129



63, 68.310, 148.504



17, 25.661, 152.981

Inverse Universe

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



72, 31.490, 345.658



77, 41.487, 346.332



71, 27.302, 20.700



44, 5.803, 343.601



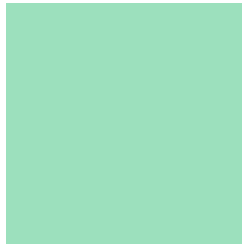
38, 64.353, 0.445



6, 26.585, 353.630

Previews

White Background



This preview shows how the CIELCh color 84, 30.414, 160.057 looks on a white background.

Color Contrast Check

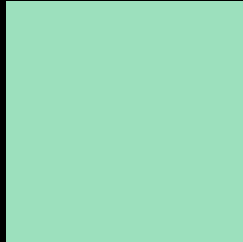
Large Text (above 18pt) WCAG AA × Fail

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, 30.414, 160.057 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

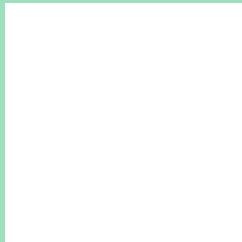
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 30.414, 160.057

Background



This preview shows how black text looks on a background with the CIELCh color 84, 30.414, 160.057.

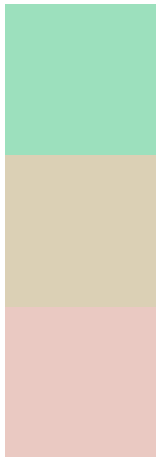


This preview shows how white text looks on a background with the CIELCh color 84, 30.414, 160.057.

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, 30.414, 160.057

Protanopia
84, 14.790, 92.327

Deuteranopia
84, 13.084, 36.520

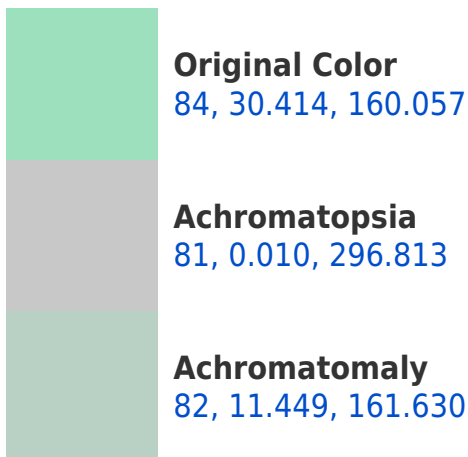


Tritanopia
84, 19.047, 226.646

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 30.414, 160.057 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(156, 224, 189)` looks like.

```
.text, #text, p{  
    color:rgb(156, 224, 189)  
}
```

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(156, 224, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 224, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 30.414, 160.057 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(156, 224, 189) }
```

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

```
.border{ border-color:rgb(156, 224, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 224, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 224, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 224, 189); box-shadow:4px 4px 4px 4px rgb(156, 224, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 30.414, 160.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 224, 189) }
```

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

```
.background{ background-color: rgb(156,  
224, 189) }
```

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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