

Converting Colors

CIELCh(84, 37.837, 149.232)

Have a look what the booklet for
CIELCh(84, 37.837, 149.232)
contains.

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Color

CIELCh(84, 37.526, 149.269)

Conversions

Conversions Part 1

Format	Color
Hex	9CE1AC
RGB	156, 225, 172
RGB Percent	61%, 88%, 67%
CMY	0.3873, 0.1166, 0.3245
CMYK	0.31, 0.00, 0.24, 0.12
HSL	134°, 54%, 75%
HSV	134°, 31%, 88%
XYZ	48.2194, 64.0658, 48.9742
YIQ	198.3270, -24.1110, -31.1110

Conversions

Conversions Part 2

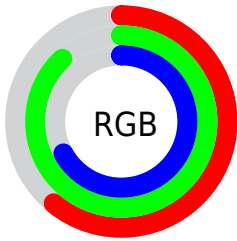
Format	Color
RYB	156, 212, 225
Decimal	10281388
CIELab	84.00, -32.26, 19.18
CIELCh	84, 37.526, 149.269
Yxy	64.0658, 0.2990, 0.3973
Android (android.graphics.Color)	4288471468 (0xFF9CE1AC)
YUV	198.3270, -12.9792, -37.1208
Hunter-Lab	80.0411, -32.5375, 19.7514

Details

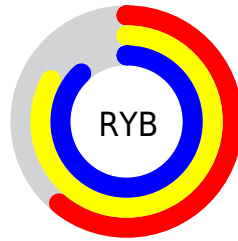
The CIELCh color **84, 37.526, 149.269** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 37.752, 333.715**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.572, 156.039**, and **64, 37.203, 149.725** is the 20% darker color. If you saturate the color by 10%, you get **83, 49.467, 148.217**, and if you desaturate by 10%, it is **86, 25.305, 150.179**.

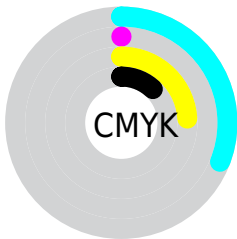
Distribution



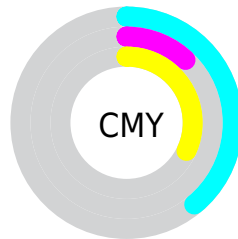
- Red (61%)
- Green (88%)
- Blue (67%)



- Red (61%)
- Yellow (83%)
- Blue (88%)



- Cyan (31%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)




- Cyan (39%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 37.526, 149.269 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, 37.526, 149.269 by changing the saturation by 10% instead.

 84, 37.526,
149.269

 84, 37.526,
149.269

 100, 37.526,
149.269


 74, 37.526,
149.269

 64, 37.526,
149.269

 54, 37.526,
149.269

 44, 37.526,
149.269

 34, 37.526,
149.269


 24, 37.526,
149.269


 14, 37.526,


149.269


 4, 37.526, 149.269


 0, 37.526, 149.269


 84, 37.526,
149.269


 84, 37.526,
149.269

 83, 49.467,
148.217


 86, 25.305,
150.179


 81, 60.888,
147.004

 87, 12.999,
150.974


 80, 71.535,
145.620

 89, 0.765, 152.079


 80, 81.146,
144.069


 92, 11.277,
332.183

 79, 89.484,

 93, 18.603,
325.070

142.380

 79, 96.351,
140.620

 79, 101.398,
139.051

Harmonies

Complementary

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



84, 37.526, 149.269



73, 37.752, 333.715

Rectangle

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



84, 37.526, 149.269



84, 37.526, 199.269



84, 37.526, 329.269



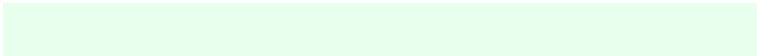
84, 37.526, 19.269

Sweetspot

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



84, 37.528, 149.269



98, 12.151, 151.092



87, 35.971, 116.589



52, 8.451, 150.983



0, 0.000, 0.000



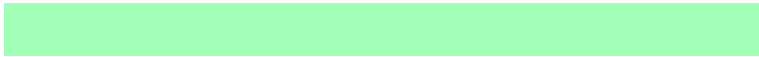
53, 0.007, 296.813

Same Dimension

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



84, 37.528, 149.269



93, 49.943, 148.590



85, 25.853, 174.097



46, 6.913, 151.064



63, 83.714, 139.350



16, 31.262, 143.789

Inverse Universe

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



73, 37.752, 333.715



78, 50.214, 334.200



72, 28.483, 0.569



44, 6.938, 332.240



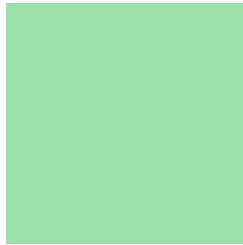
40, 73.242, 340.103



7, 30.716, 337.754

Previews

White Background



This preview shows how the CIELCh color 84, 37.526, 149.269 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, 37.526, 149.269 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

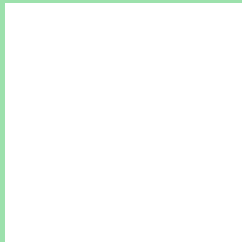
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 37.526, 149.269

Background



This preview shows how black text looks on a background with the CIELCh color 84, 37.526, 149.269.

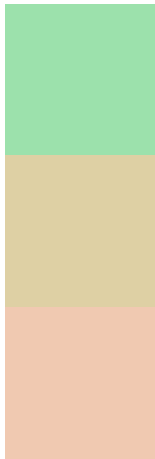


This preview shows how white text looks on a background with the CIELCh color 84, 37.526, 149.269.

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, 37.526, 149.269

Protanopia
84, 23.718, 94.647

Deuteranopia
84, 19.976, 59.071



Tritanopia
84, 18.022, 228.492

Trichromacy



Original Color
84, 37.526, 149.269



Protanomaly
83, 25.338, 122.118



Deuteranomaly
83, 18.344, 108.569



Tritanomaly
84, 19.612, 185.554

Monochromacy



Original Color
84, 37.526, 149.269



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 14.329, 150.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 37.526, 149.269 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, 225, 172)` looks like.

```
.text, #text, p{  
    color:rgb(156, 225, 172)  
}
```

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, 225, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 225, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 37.526, 149.269 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, 225, 172) }
```

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

```
.border{ border-color:rgb(156, 225, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 225, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 225, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 225, 172); box-shadow:4px 4px 4px 4px rgb(156, 225, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 37.526, 149.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 225, 172) }
```

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

```
.background{ background-color: rgb(156,  
225, 172) }
```

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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