

Converting Colors

HunterLab(84.9004, -35.7893,
24.8340)

Have a look what the booklet for
HunterLab(84.9004, -35.7893,
24.8340) contains.

HunterLab(84.9684, -35.9856, 24.8427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(84.9684,
-35.9856, 24.8427)**

Conversions

Conversions Part 1

Format	Color
Hex	A6EEAB
RGB	166, 238, 171
RGB Percent	65%, 93%, 67%
CMY	0.3490, 0.0666, 0.3294
CMYK	0.30, 0.00, 0.28, 0.07
HSL	124°, 68%, 79%
HSV	124°, 30%, 93%
XYZ	53.6510, 72.1963, 49.6356
YIQ	208.8340, -21.4050, -36.1010

Conversions

Conversions Part 2

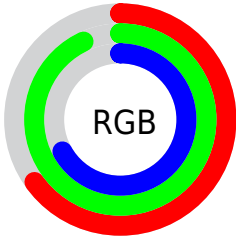
Format	Color
RYB	166, 233, 238
Decimal	10940075
CIELab	88.06, -35.33, 25.50
CIELCh	88, 43.566, 144.182
Yxy	72.1993, 0.3057, 0.4114
Android (android.graphics.Color)	4289130155 (0xFFA6EEAB)
YUV	208.8340, -18.6522, -37.5654
Hunter-Lab	84.9684, -35.9856, 24.8427

Details

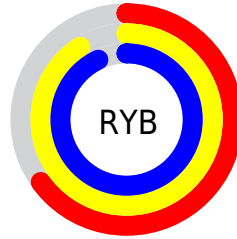
The HunterLab color **84.9684, -35.9856, 24.8427** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71.6479, 33.0821, -19.0681**, and the grayscale version is **79.8640, -4.2613, 4.3392**.

A 20% lighter version of the original color is **96.3089, -20.1628, 14.2529**, and **61.8131, -31.1281, 21.1041** is the 20% darker color. If you saturate the color by 10%, you get **83.1178, -44.1368, 30.2049**, and if you desaturate by 10%, it is **87.1381, -26.7073, 18.8386**.

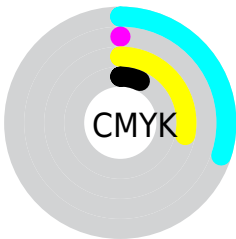
Distribution



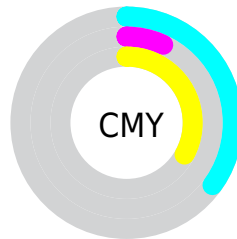
- Red (65%)
- Green (93%)
- Blue (67%)



- Red (65%)
- Yellow (91%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)





- Cyan (35%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.9684, -35.9856, 24.8427 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 HunterLab color 84.9684, -35.9856, 24.8427 by changing the saturation by 10% instead.


 84.9684, -35.9856,
24.8427


 84.9684, -35.9856,
24.8427


216.3874,
-56.1342, 41.3399

 73.0216, -33.5436,
22.8949


 110.6074,
-40.6952, 28.6305

 61.6924, -31.0208,
20.8949


 124.2463,
-42.9809, 30.4844

 51.0185, -28.3974,
18.8279


138.4039,
-45.2315, 32.3195

 41.0430, -25.6438,
16.6723

153.0617,
-47.4531, 34.1402

 31.8186, -22.7164,
14.3970

168.2034,
-49.6504, 35.9500

 23.4124, -19.5477,
11.9555

183.8138,

 15.9135, -16.0248,

-51.8275, 37.7516

9.6676

199.8793,
-53.9878, 39.5476

■ 9.4488, -16.5354,
6.6142

0.0000, NaN, NaN

■ 84.9684, -35.9856,
24.8427

■ 84.9684, -35.9856,
24.8427

■ 83.1178, -44.1368,
30.2049

■ 87.1381, -26.7073,
18.8386

■ 81.5820, -51.0628,
34.8568

■ 89.6157, -16.4121,
12.2666

■ 80.3581, -56.7035,
38.7502

■ 92.3938, -5.2273,
5.2082

■ 79.4351, -61.0399,
41.8591

■ 94.6741, 3.7549,
-0.8450

■ 78.7942, -64.1041,
44.1859

■ 78.4073, -65.9889,
45.7648

■ 78.2246, -66.8995,
46.6429

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9702, -21.0697, 33.5986



84.9684, -35.9856, 24.8427



84.9702, -42.4190, 8.5766

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9702, -35.9872, 24.8436



84.9702, -8.7544, -45.5029



84.9702, 37.2758, 19.4194

Complementary

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



84.9684, -35.9856, 24.8427



71.6479, 33.0821, -19.0681

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9702, 41.4180, 0.4743



84.9684, -35.9856, 24.8427



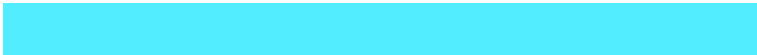
84.9702, 13.3622, -40.4969

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.9702, -35.9872, 24.8436



84.9702, -27.7492, -34.5744



84.9702, 32.2756, -22.2388



84.9702, 21.4669, 31.0655

Rectangle

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



84.9684, -35.9856, 24.8427



84.9702, -41.5484, -5.7588



84.9702, 32.2756, -22.2388



84.9702, 40.1414, 13.8443

Sweetspot

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



84.9702, -35.9872, 24.8436



97.2647, -16.3225, 12.3612



90.1461, -16.9097, 31.5234



44.8059, -8.3410, 6.2196

0.0000, NaN, NaN



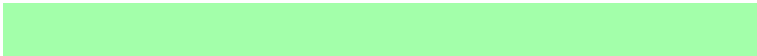
46.2646, -2.4686, 2.5136

Same Dimension

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



84.9702, -35.9872, 24.8436



90.6719, -44.2569, 30.3662



85.8804, -30.6943, 11.7147



42.0407, -7.2911, 5.4936



58.4324, -49.9321, 34.7537



16.8718, -14.2869, 9.7530

Inverse Universe

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



71.6479, 33.0821, -19.0681



73.7167, 43.9174, -25.6431



70.3501, 26.5868, -0.8066



40.0142, 3.1525, -1.1566



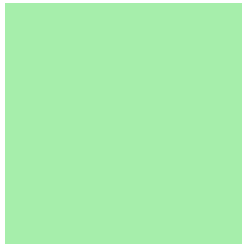
36.1600, 70.0402, -39.5403



10.4566, 20.2958, -11.7590

Previews

White Background



This preview shows how the HunterLab color 84.9684, -35.9856, 24.8427 looks on a white background.

Color Contrast Check

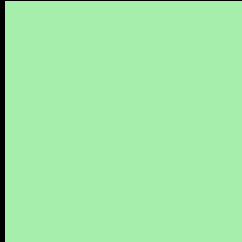
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 84.9684, -35.9856, 24.8427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

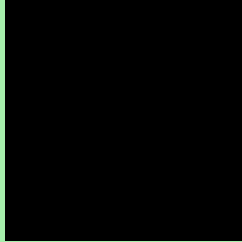
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 84.9684, -35.9856, 24.8427 Background



This preview shows how black text looks on a background with the HunterLab color 84.9684, -35.9856, 24.8427.



This preview shows how white text looks on a background with the HunterLab color 84.9684, -35.9856, 24.8427.

-35.9856, 24.8427.

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

84.9684, -35.9856, 24.8427

Protanopia

84.6544, -7.3005, 27.7675

Deuteranopia

84.5939, 5.6154, 22.7041



Tritanopia

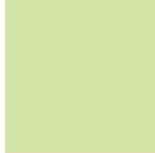
84.7971, -15.0326, -9.5380

Trichromacy



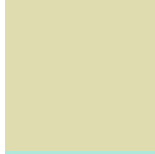
Original Color

84.9684, -35.9856, 24.8427



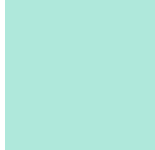
Protanomaly

84.5815, -18.8278, 26.5002



Deuteranomaly

83.9619, -10.8169, 22.9078



Tritanomaly

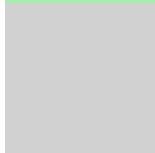
84.8184, -23.5894, 5.0048

Monochromacy



Original Color

84.9684, -35.9856, 24.8427



Achromatopsia

79.8497, -4.2606, 4.3384



Achromatomaly

81.5254, -16.9137, 12.3914

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.9684, -35.9856, 24.8427 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(166, 238, 171)` looks like.

```
.text, #text, p{  
    color:rgb(166, 238, 171)  
}
```

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(166, 238, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 238, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 84.9684, -35.9856, 24.8427 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(166, 238, 171) }
```


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

```
.border{ border-color:rgb(166, 238, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 238, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 238, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 238, 171);  
box-shadow:4px 4px 4px 4px rgb(166, 238,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.9684, -35.9856, 24.8427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 238, 171) }
```

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

```
.background{ background-color: rgb(166,  
238, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor