

Converting Colors

HunterLab(84.0814, -39.1271,
35.4781)

Have a look what the booklet for
HunterLab(84.0814, -39.1271,
35.4781) contains.

HunterLab(84.0814, -39.1271, 35.4781)	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(84.0814,
-39.1271, 35.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ED85
RGB	169, 237, 133
RGB Percent	66%, 93%, 52%
CMY	0.3373, 0.0706, 0.4784
CMYK	0.29, 0.00, 0.44, 0.07
HSL	99°, 74%, 73%
HSV	99°, 44%, 93%
XYZ	50.8800, 70.6968, 33.1545
YIQ	204.8120, -7.1440, -46.7600

Conversions

Conversions Part 2

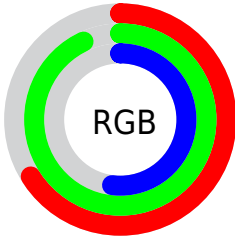
Format	Color
RYB	133, 237, 201
Decimal	11136389
CIELab	87.34, -39.44, 43.62
CIElCh	87, 58.804, 132.122
Yxy	70.6999, 0.3288, 0.4569
Android (android.graphics.Color)	4289326469 (0xFFA9ED85)
YUV	204.8120, -35.4033, -31.4071
Hunter-Lab	84.0814, -39.1271, 35.4781

Details

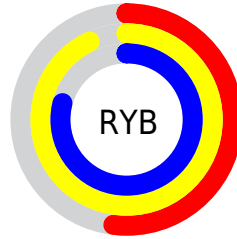
The HunterLab color **84.0814, -39.1271, 35.4781** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **59.4214, 39.4941, -42.6407**, and the grayscale version is **78.2042, -4.1728, 4.2490**.

A 20% lighter version of the original color is **95.5613, -24.8953, 28.9300**, and **61.0076, -33.7672, 29.4360** is the 20% darker color. If you saturate the color by 10%, you get **82.7667, -45.0004, 39.7873**, and if you desaturate by 10%, it is **85.5847, -32.4912, 30.1620**.

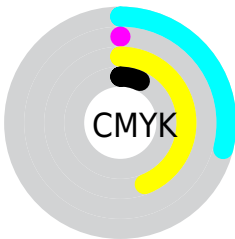
Distribution



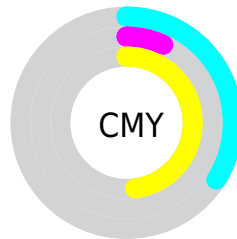
- Red (66%)
- Green (93%)
- Blue (52%)



- Red (52%)
- Yellow (93%)
- Blue (79%)



- Cyan (29%)
- Magenta (0%)
- Yellow (44%)
- Black (7%)





- Cyan (34%)
- Magenta (7%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.0814, -39.1271, 35.4781 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 84.0814, -39.1271, 35.4781 by changing the saturation by 10% instead.


 84.0814, -39.1271,
35.4781


 84.0814, -39.1271,
35.4781


215.1752,
-60.9107, 59.4163


 72.1785, -36.4541,
32.4748


 109.6386,
-44.2597, 41.1975

 60.8955, -33.6831,
29.3469


 123.2392,
-46.7407, 43.9431

 50.2707, -30.7911,
26.0673


 137.3598,
-49.1778, 46.6283

 40.3478, -27.7428,
22.6003

151.9819,
-51.5780, 49.2622

 31.1803, -24.4868,
18.9014

167.0890,
-53.9469, 51.8522

 22.8366, -20.9435,
15.3467


182.6659,

 15.4078, -16.9797,


-56.2895, 54.4045


10.7855


198.6988,
-58.6096, 56.9244


 9.0137, -15.7740,
6.3096


0.0000, NaN, NaN


 84.0814, -39.1271,
35.4781


 84.0814, -39.1271,
35.4781


 82.7667, -45.0004,
39.7873


 85.5847, -32.4912,
30.1620


 81.6337, -50.0781,
43.0921


 87.2707, -25.1277,
23.8534

 80.6801, -54.3503,
45.4245


 89.1390, -17.0879,
16.5869

 79.8993, -57.8258,
46.8479

 91.1861, -8.4271,
8.4087

 79.2810, -60.5394,
47.4685

 93.4072, 0.7960,
-0.6258

 78.9725, -61.8763,
47.5792

 94.3670, 4.2947,
-1.2176

Harmonies

Analogous

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



84.0832, -16.0293, 41.9919



84.0814, -39.1271, 35.4781



84.0832, -51.7886, 19.4613

Triad

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



84.0832, -39.1289, 35.4788



84.0832, -21.1424, -64.3226



84.0832, 58.1849, 15.0988

Complementary

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



84.0814, -39.1271, 35.4781



59.4214, 39.4941, -42.6407

Split Complementary

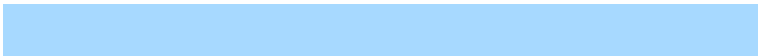
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0832, 56.3185, -13.6511



84.0814, -39.1271, 35.4781



84.0832, 7.7051, -66.7508

Square

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



84.0832, -39.1289, 35.4788



84.0832, -42.4279, -40.0393



84.0832, 36.8577, -45.8428



84.0832, 41.6529, 33.2338

Rectangle

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



84.0814, -39.1271, 35.4781



84.0832, -53.8300, 2.5627



84.0832, 36.8577, -45.8428



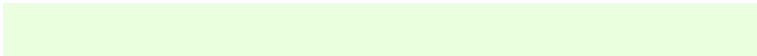
84.0832, 59.7454, 6.5425

Sweetspot

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



84.0832, -39.1289, 35.4788



97.0382, -17.8115, 17.3227



78.2866, -0.2990, 31.4281



44.6767, -9.1698, 8.8727

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.0832, -39.1289, 35.4788



90.0264, -48.4967, 42.9537



82.2893, -45.6296, 29.5402



41.3710, -6.1269, 6.0113



58.4071, -45.4824, 35.1939



16.5241, -12.0882, 9.9704

Inverse Universe

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



59.4214, 39.4941, -42.6407



58.3600, 53.3178, -59.2208



63.2640, 48.4772, -24.5432



38.7785, 2.0092, -1.9428



26.8640, 58.4315, -78.9661



7.8722, 16.8112, -20.7247

Previews

White Background



This preview shows how the HunterLab color 84.0814, -39.1271, 35.4781 looks on a white background.

Color Contrast Check

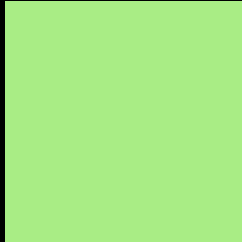
Large Text (above 18pt) WCAG AA × Fail

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 84.0814, -39.1271, 35.4781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

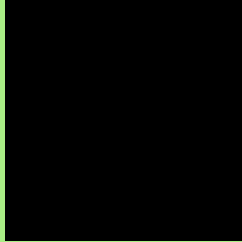
Any Text WCAG AA ✓ Pass

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 84.0814, -39.1271, 35.4781 Background



This preview shows how black text looks on a background with the HunterLab color 84.0814, -39.1271, 35.4781.



This preview shows how white text looks on a background with the HunterLab color 84.0814, -39.1271, 35.4781.

-39.1271, 35.4781.

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

84.0814, -39.1271, 35.4781

Protanopia

83.6659, -8.9466, 37.4101

Deuteranopia

83.5594, 4.2839, 28.6114



Tritanopia

83.7623, -12.4732, -8.0658

Trichromacy



Original Color

84.0814, -39.1271, 35.4781



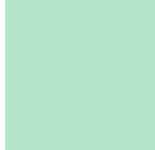
Protanomaly

83.5054, -20.8309, 36.3448



Deuteranomaly

83.1887, -13.0636, 30.7666



Tritanomaly

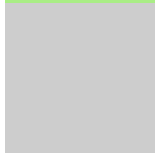
83.6697, -23.7471, 11.5455

Monochromacy



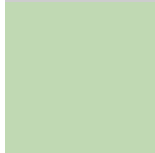
Original Color

84.0814, -39.1271, 35.4781



Achromatopsia

78.1342, -4.1690, 4.2452



Achromatomaly

80.0543, -18.1556, 17.4253

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.0814, -39.1271, 35.4781 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(169, 237, 133)` looks like.

```
.text, #text, p{  
    color:rgb(169, 237, 133)  
}
```

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(169, 237, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 237, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 84.0814, -39.1271, 35.4781 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(169, 237, 133) }
```


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

```
.border{ border-color:rgb(169, 237, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 237, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 237, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 237, 133);  
box-shadow:4px 4px 4px 4px rgb(169, 237,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.0814, -39.1271, 35.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 237, 133) }
```

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

```
.background{ background-color: rgb(169,  
237, 133) }
```

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