

Converting Colors

HunterLab(80.6422, -34.4779,
13.1324)

Have a look what the booklet for
HunterLab(80.6422, -34.4779,
13.1324) contains.

HunterLab(80.5402, -34.5145, 13.1624)	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(80.5402,
-34.5145, 13.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	8DE4BE
RGB	141, 228, 190
RGB Percent	55%, 89%, 75%
CMY	0.4470, 0.1059, 0.2549
CMYK	0.38, 0.00, 0.17, 0.11
HSL	154°, 62%, 72%
HSV	154°, 38%, 89%
XYZ	48.0222, 64.8672, 58.7047
YIQ	197.6550, -39.6540, -30.2620

Conversions

Conversions Part 2

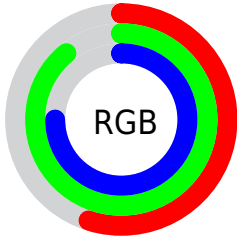
Format	Color
RYB	141, 197, 228
Decimal	9299134
CIELab	84.42, -34.59, 10.35
CIELCh	84, 36.107, 163.341
Yxy	64.8699, 0.2799, 0.3780
Android (android.graphics.Color)	4287489214 (0xFF8DE4BE)
YUV	197.6550, -3.7739, -49.6864
Hunter-Lab	80.5402, -34.5145, 13.1624

Details

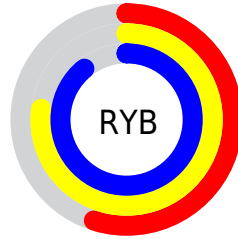
The HunterLab color **80.5402, -34.5145, 13.1624** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.2897, 33.2971, -1.6310**, and the grayscale version is **75.0297, -4.0034, 4.0765**.

A 20% lighter version of the original color is **94.8916, -24.1872, 3.5712**, and **57.6972, -29.4872, 10.7162** is the 20% darker color. If you saturate the color by 10%, you get **79.1530, -40.4516, 15.7042**, and if you desaturate by 10%, it is **82.1761, -27.7394, 10.7428**.

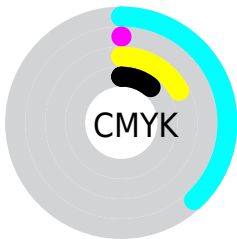
Distribution



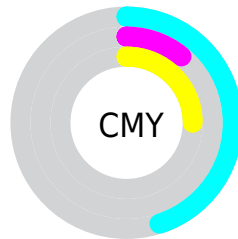
- Red (55%)
- Green (89%)
- Blue (75%)



- Red (55%)
- Yellow (77%)
- Blue (89%)



- Cyan (38%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)





- Cyan (45%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.5402, -34.5145, 13.1624 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 80.5402, -34.5145, 13.1624 by changing the saturation by 10% instead.


 80.5402, -34.5145,
13.1624


 80.5402, -34.5145,
13.1624


210.3151,
-54.4739, 23.8893

 68.8154, -32.0861,
12.0204


 105.7652,
-39.1881, 15.4686

 57.7207, -29.5731,
10.8798


 119.2100,
-41.4537, 16.6350

 47.2962, -26.9535,
9.7369


133.1806,
-43.6833, 17.8123

 37.5879, -24.1941,
8.5846

147.6580,
-45.8831, 19.0016

 28.6533, -21.2457,
7.4120

162.6249,
-48.0582, 20.2035

 20.5662, -18.0296,
6.2006

178.0660,

 13.4270, -14.5568,

-50.2128, 21.4184

4.9170

193.9670,
-52.3503, 22.6470

■ 6.9925, -12.2369,
4.8947

0.0000, NaN, NaN

■ 80.5402, -34.5145,
13.1624

■ 80.5402, -34.5145,
13.1624

■ 79.1530, -40.4516,
15.7042

■ 82.1761, -27.7394,
10.7428

■ 78.0058, -45.5064,
18.3331

■ 84.0554, -20.1820,
8.4697

■ 77.0925, -49.6631,
21.0131

■ 86.1768, -11.9151,
6.3658

■ 76.4000, -52.9345,
23.7044

■ 88.5343, -3.0170,
4.4466

■ 75.9090, -55.3696,
26.3643

■ 91.1199, 6.4300,
2.7216

■ 75.5874, -57.0807,
28.9437

■ 91.4528, 8.2088,
-2.0093

■ 75.5371, -57.3560,
29.4002

■ 91.6347, 9.1785,
-4.5881

Harmonies

Analogous

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



80.5418, -26.4550, 24.6362



80.5402, -34.5145, 13.1624



80.5418, -34.9487, -3.4897

Triad

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



80.5418, -34.5156, 13.1633



80.5418, 3.7423, -34.1270



80.5418, 22.1088, 23.6683

Complementary

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



80.5402, -34.5145, 13.1624



62.2897, 33.2971, -1.6310

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.



80.5418, 31.7469, 11.5354



80.5402, -34.5145, 13.1624



80.5418, 20.5391, -23.0451

Square

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



80.5418, -34.5156, 13.1633



80.5418, -13.8726, -33.4235



80.5418, 31.1487, -5.5102



80.5418, 5.7378, 29.7378

Rectangle

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



80.5402, -34.5145, 13.1624



80.5418, -30.9261, -15.6238



80.5418, 31.1487, -5.5102



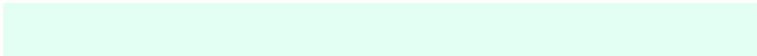
80.5418, 26.3045, 20.2930

Sweetspot

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



80.5418, -34.5156, 13.1633



97.1075, -16.3363, 7.9012



81.9354, -31.3865, 31.7033



44.7719, -8.1572, 3.8044

0.0000, NaN, NaN



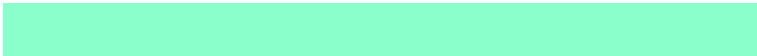
46.2646, -2.4686, 2.5136

Same Dimension

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



80.5418, -34.5156, 13.1633



90.1366, -44.7368, 17.2796



80.2435, -25.7500, -5.2400



40.2796, -6.1100, 3.1090



57.4200, -43.4529, 22.0324



15.6684, -11.4456, 5.1235

Inverse Universe

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



62.2897, 33.2971, -1.6310



65.5914, 47.0397, -2.2457



62.2709, 25.7048, 14.8270



38.0421, 2.1061, 1.2416



31.7393, 56.0862, 7.0861



8.7339, 15.6326, 0.4070

Previews

White Background



This preview shows how the HunterLab color 80.5402, -34.5145, 13.1624 looks on a white background.

Color Contrast Check

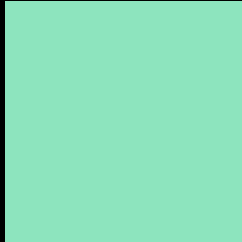
Large Text (above 18pt) WCAG AA × Fail

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 80.5402, -34.5145, 13.1624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

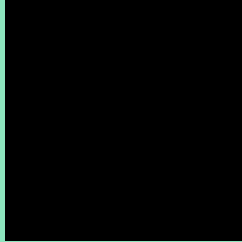
Any Text WCAG AA ✓ Pass

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 80.5402, -34.5145, 13.1624 Background



This preview shows how black text looks on a background with the HunterLab color 80.5402, -34.5145, 13.1624.



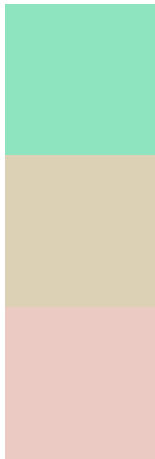
This preview shows how white text looks on a background with the HunterLab color 80.5402,

-34.5145, 13.1624.

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

80.5402, -34.5145, 13.1624

Protanopia

80.0699, -5.1294, 17.2750

Deuteranopia

79.9020, 5.8983, 11.0275



Tritanopia

80.3868, -19.9134, -11.0448

Trichromacy



Original Color

80.5402, -34.5145, 13.1624



Protanomaly

79.7802, -17.2443, 15.1576



Deuteranomaly

79.2820, -10.3939, 10.9413



Tritanomaly

80.5156, -25.7988, -1.2115

Monochromacy



Original Color

80.5402, -34.5145, 13.1624



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

76.7386, -16.1691, 7.1126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.5402, -34.5145, 13.1624 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(141, 228, 190)` looks like.

```
.text, #text, p{  
    color:rgb(141, 228, 190)  
}
```

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(141, 228, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 228, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 80.5402, -34.5145, 13.1624 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(141, 228, 190) }
```


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

```
.border{ border-color:rgb(141, 228, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 228, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 228, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 228, 190);  
box-shadow:4px 4px 4px 4px rgb(141, 228,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.5402, -34.5145, 13.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 228, 190) }
```

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

```
.background{ background-color: rgb(141,  
228, 190) }
```

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