

Converting Colors

HunterLab(81.8380, -15.5545,
-14.7738)

Have a look what the booklet for
HunterLab(81.8380, -15.5545,
-14.7738) contains.

HunterLab(81.8380, -15.5545, -14.7738)	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(81.8380,
-15.5545, -14.7738)**

Conversions

Conversions Part 1

Format	Color
Hex	A4DEF9
RGB	164, 222, 249
RGB Percent	64%, 87%, 98%
CMY	0.3568, 0.1294, 0.0235
CMYK	0.34, 0.11, 0.00, 0.02
HSL	199°, 88%, 81%
HSV	199°, 34%, 98%
XYZ	58.5300, 66.9746, 99.4650
YIQ	207.7360, -43.2350, -3.8990

Conversions

Conversions Part 2

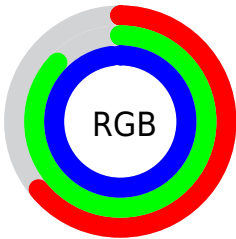
Format	Color
RYB	164, 198, 249
Decimal	10804985
CIELab	85.49, -12.08, -19.07
CIELCh	85, 22.575, 237.660
Yxy	66.9772, 0.2602, 0.2977
Android (android.graphics.Color)	4288995065 (0xFFA4DEF9)
YUV	207.7360, 20.3432, -38.3565
Hunter-Lab	81.8380, -15.5545, -14.7738

Details

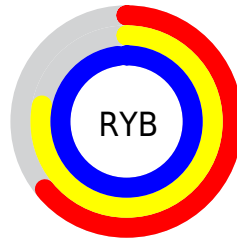
The HunterLab color **81.8380, -15.5545, -14.7738** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.5130, 12.6544, 21.1183**, and the grayscale version is **79.2372, -4.2279, 4.3051**.

A 20% lighter version of the original color is **97.0114, -15.8939, 1.6788**, and **58.9397, -13.0430, -14.6619** is the 20% darker color. If you saturate the color by 10%, you get **77.7681, -17.1192, -20.7079**, and if you desaturate by 10%, it is **86.1344, -13.2681, -8.8485**.

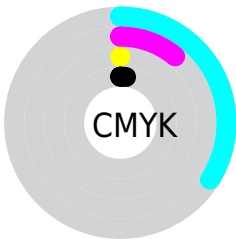
Distribution



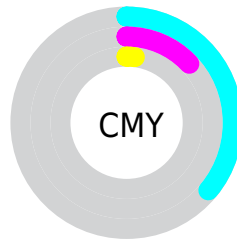
- Red (64%)
- Green (87%)
- Blue (98%)



- Red (64%)
- Yellow (78%)
- Blue (98%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (36%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.8380, -15.5545, -14.7738 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 81.8380, -15.5545, -14.7738 by changing the saturation by 10% instead.

81.8380, -15.5545,
-14.7738

81.8380, -15.5545,
-14.7738

212.0999,
-26.8930, -13.5820

70.0472, -14.3279,
-14.6529

107.1857,
-18.0177, -14.8403

58.8829, -13.0984,
-14.4716

120.6880,
-19.2574, -14.7952

48.3842, -11.8617,
-14.2250

134.7140,
-20.5050, -14.7014

38.5963, -10.6103,
-13.9104

149.2449,
-21.7615, -14.5614

29.5752, -9.3324,
-13.5283

164.2636,
-23.0279, -14.3775

21.3927, -8.0095,
-13.0882

179.7548,

14.1456, -6.6078,

-24.3050, -14.1517

-12.6294

195.7045,
-25.5932, -13.8860

7.7977, -7.1649,
-12.8411

0.0000, NaN, -NF

81.8380, -15.5545,
-14.7738

81.8380, -15.5545,
-14.7738

77.7681, -17.1192,
-20.7079

86.1344, -13.2681,
-8.8485

73.9344, -17.8900,
-26.6267

90.6376, -10.3288,
-2.9571

70.3516, -17.8051,
-32.4931

95.3345, -6.8057,
2.8873

67.0297, -16.8189,
-38.2661

99.3754, -5.6612,
7.6637

■ 63.9728, -14.9156,
-43.9045

■ 99.8096, -6.3796,
8.1514

■ 61.1744, -12.1298,
-49.3798

■ 59.6290, -10.1828,
-52.5493

Harmonies

Analogous

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



81.8396, -22.5527, -5.6171



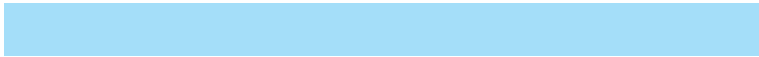
81.8380, -15.5545, -14.7738



81.8396, -5.2471, -18.7223

Triad

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



81.8396, -15.5553, -14.7724



81.8396, 18.2322, 3.6153



81.8396, -14.1123, 20.5749

Complementary

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



81.8380, -15.5545, -14.7738



77.5130, 12.6544, 21.1183

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.



81.8396, -3.4915, 22.3648



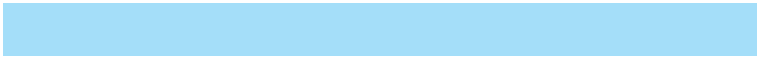
81.8380, -15.5545, -14.7738



81.8396, 15.5508, 13.3897

Square

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



81.8396, -15.5553, -14.7724



81.8396, 14.5928, -7.2559



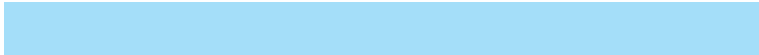
81.8396, 7.4479, 19.9159



81.8396, -21.7515, 14.6556

Rectangle

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



81.8380, -15.5545, -14.7738



81.8396, 2.2521, -17.5224



81.8396, 7.4479, 19.9159



81.8396, -10.7903, 21.6417

Sweetspot

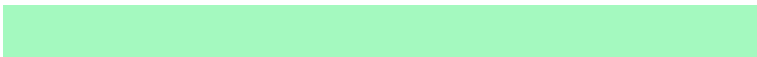
The Sweet Spot groups the original color and five complimentary colors.



81.8396, -15.5553, -14.7724



95.0900, -9.1885, -0.5561



89.1085, -38.5899, 21.4673



43.6808, -4.4810, -0.6488

0.0000, NaN, NaN



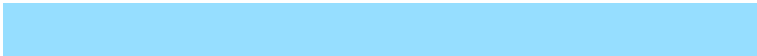
46.2646, -2.4686, 2.5136

Same Dimension

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



81.8396, -15.5553, -14.7724



81.1659, -17.1769, -19.3956



68.7084, 6.1438, -34.8928



43.1558, -4.0756, -0.1116



43.9312, -7.9196, -37.8140



14.0646, -3.4535, -10.1244

Inverse Universe

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



72.0877, 36.1058, -11.7887



69.6271, 45.7522, -15.0182



90.1862, -9.3313, 32.3179



41.7435, 2.8271, 0.0875



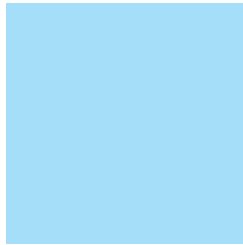
35.1557, 64.6956, -12.0928



10.7885, 20.0093, -4.9173

Previews

White Background



This preview shows how the HunterLab color 81.8380, -15.5545, -14.7738 looks on a white background.

Color Contrast Check

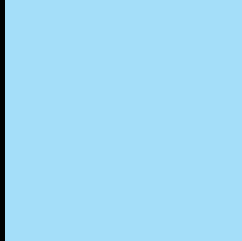
Large Text (above 18pt) WCAG AA × Fail

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 81.8380, -15.5545, -14.7738 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

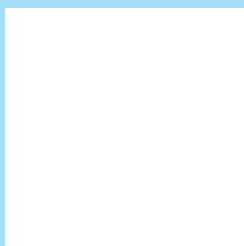
Any Text WCAG AAA ✓ Pass

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

HunterLab 81.8380, -15.5545, -14.7738 Background



This preview shows how black text looks on a background with the HunterLab color 81.8380, -15.5545, -14.7738.



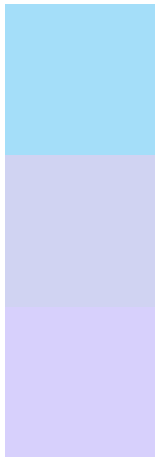
This preview shows how white text looks on a background with the HunterLab color 81.8380,

-15.5545, -14.7738.

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

81.8380, -15.5545, -14.7738

Protanopia

81.4919, 0.4964, -10.8944

Deuteranopia

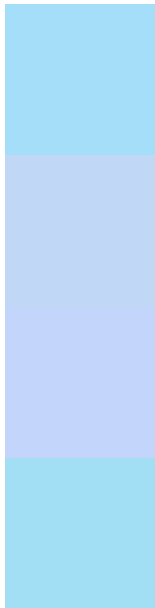
81.6009, 6.2768, -16.5232



Tritanopia

81.7359, -18.1970, -10.3191

Trichromacy



Original Color

81.8380, -15.5545, -14.7738

Protanomaly

81.4861, -5.6469, -12.7428

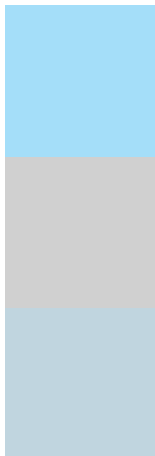
Deuteranomaly

81.4182, -2.2312, -16.3314

Tritanomaly

81.9106, -17.3397, -11.7824

Monochromacy



Original Color

81.8380, -15.5545, -14.7738

Achromatopsia

79.4202, -4.2377, 4.3151

Achromatomaly

80.0766, -8.9468, -2.5037

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.8380, -15.5545, -14.7738 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(164, 222, 249)` looks like.

```
.text, #text, p{  
    color:rgb(164, 222, 249)  
}
```

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(164, 222, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 222, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 81.8380, -15.5545, -14.7738 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(164, 222, 249) }
```


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

```
.border{ border-color:rgb(164, 222, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 222, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 222, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 222, 249);  
box-shadow:4px 4px 4px 4px rgb(164, 222,  
249) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.8380, -15.5545, -14.7738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 222, 249) }
```

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

```
.background{ background-color: rgb(164,  
222, 249) }
```

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