

Converting Colors

HunterLab(87.7184, -37.4417,
18.4082)

Have a look what the booklet for
HunterLab(87.7184, -37.4417,
18.4082) contains.

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Color

**HunterLab(87.5305,
-37.3451, 18.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	9FF5C3
RGB	159, 245, 195
RGB Percent	62%, 96%, 76%
CMY	0.3765, 0.0392, 0.2353
CMYK	0.35, 0.00, 0.20, 0.04
HSL	145°, 81%, 79%
HSV	145°, 35%, 96%
XYZ	56.8008, 76.6159, 63.4243
YIQ	213.5860, -35.2060, -33.7820

Conversions

Conversions Part 2

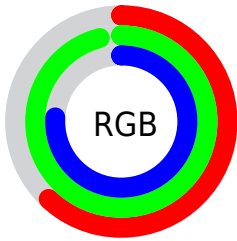
Format	Color
RYB	159, 220, 245
Decimal	10483139
CIELab	90.15, -36.37, 15.98
CIElCh	90, 39.721, 156.280
Yxy	76.6190, 0.2886, 0.3892
Android (android.graphics.Color)	4288673219 (0xFF9FF5C3)
YUV	213.5860, -9.1629, -47.8719
Hunter-Lab	87.5305, -37.3451, 18.3100

Details

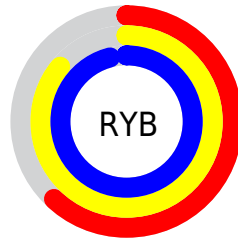
The HunterLab color $87.5305, -37.3451, 18.3100$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $69.8670, 35.0237, -7.5274$, and the grayscale version is $81.8748, -4.3686, 4.4484$.

A 20% lighter version of the original color is $96.5128, -17.8868, 2.5813$, and $63.9004, -32.2139, 15.4300$ is the 20% darker color. If you saturate the color by 10%, you get $85.8741, -44.5169, 22.0431$, and if you desaturate by 10%, it is $89.4720, -29.2103, 14.5416$.

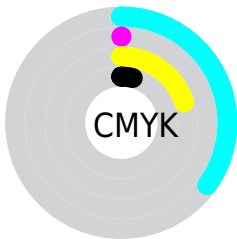
Distribution



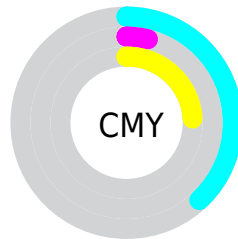
- Red (62%)
- Green (96%)
- Blue (76%)



- Red (62%)
- Yellow (86%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)





- Cyan (38%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5305, -37.3451, 18.3100 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 87.5305, -37.3451, 18.3100 by changing the saturation by 10% instead.


 87.5305, -37.3451,
18.3100


 87.5305, -37.3451,
18.3100


219.8782,
-57.8401, 31.1530

 75.4588, -34.8615,
16.8798


 113.4026,
-42.1361, 21.1517

 63.9979, -32.2971,
15.4345


 127.1511,
-44.4618, 22.5687

 53.1843, -29.6328,
13.9672


141.4143,
-46.7517, 23.9869

 43.0594, -26.8398,
12.4673

156.1742,
-49.0118, 25.4083

 33.6737, -23.8767,
10.9185

171.4146,
-51.2470, 26.8345

 25.0908, -20.6799,
9.2961

187.1208,

 17.3941, -17.1453,

-53.4612, 28.2667

7.5587

203.2795,
-55.6580, 29.7059

■ 10.7009, -15.7267,
6.9039

■ 1.2713, -2.2247,
0.8899

■ 87.5305, -37.3451,
18.3100

■ 87.5305, -37.3451,
18.3100

■ 85.8741, -44.5169,
22.0431

■ 89.4720, -29.2103,
14.5416

■ 84.4954, -50.6597,
25.6909

■ 91.6909, -20.1899,
10.7786

■ 83.3896, -55.7391,
29.2059

■ 94.1836, -10.3783,
7.0607

■ 82.5442, -59.7537,
32.5401

■ 96.7444, -0.5499,
3.1725

■ 81.9399, -62.7429,
35.6480

■ 96.8440, -0.0090,
1.7538

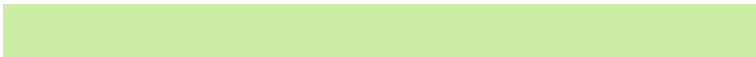
■ 81.5484, -64.7974,
38.4867

■ 81.4114, -65.5549,
39.7572

Harmonies

Analogous

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



87.5323, -26.4070, 29.5386



87.5305, -37.3451, 18.3100



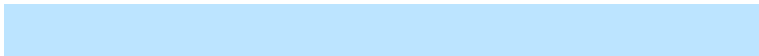
87.5323, -39.8995, 0.6435

Triad

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



87.5323, -37.3464, 18.3110



87.5323, -0.4039, -40.2664



87.5323, 28.7382, 23.8603

Complementary

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



87.5305, -37.3451, 18.3100



69.8670, 35.0237, -7.5274

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.



87.5323, 37.1847, 8.6946



87.5305, -37.3451, 18.3100



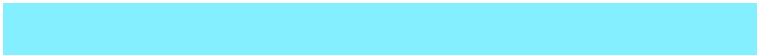
87.5323, 19.4082, -30.3887

Square

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



87.5323, -37.3464, 18.3110



87.5323, -19.6973, -36.0581



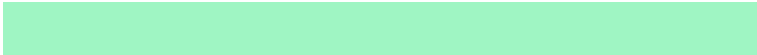
87.5323, 33.6253, -11.3663



87.5323, 11.4337, 32.2001

Rectangle

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



87.5305, -37.3451, 18.3100



87.5323, -36.7265, -13.1419



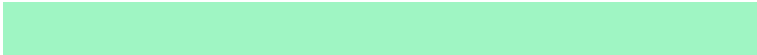
87.5323, 33.6253, -11.3663



87.5323, 32.7755, 19.5401

Sweetspot

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



87.5323, -37.3464, 18.3110



96.9827, -17.0343, 9.6847



90.2170, -28.7693, 33.5305



44.7075, -8.5186, 4.7259

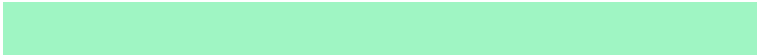
0.0000, NaN, NaN



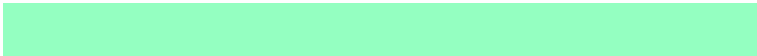
46.2646, -2.4686, 2.5136

Same Dimension

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



87.5323, -37.3464, 18.3110



90.3575, -44.4359, 21.8979



88.7932, -30.0242, 0.2596



43.1128, -6.8428, 4.0225



59.7746, -47.9783, 28.8583



17.7773, -13.8732, 7.7282

Inverse Universe

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



69.8670, 35.0237, -7.5274



68.6076, 45.0651, -9.7229



68.5344, 28.4052, 11.4474



40.7972, 2.5613, 0.6016



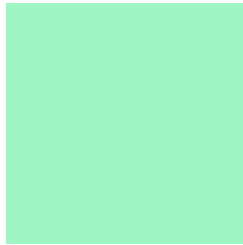
33.9787, 61.3903, -2.8554



10.1746, 18.5650, -2.2683

Previews

White Background



This preview shows how the HunterLab color 87.5305, -37.3451, 18.3100 looks on a white background.

Color Contrast Check

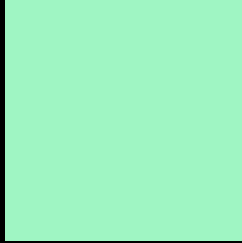
Large Text (above 18pt) WCAG AA × Fail

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 87.5305, -37.3451, 18.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

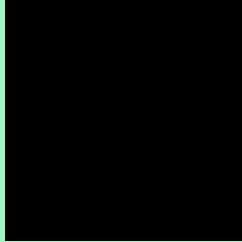
Any Text WCAG AA ✓ Pass

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 87.5305, -37.3451, 18.3100 Background



This preview shows how black text looks on a background with the HunterLab color 87.5305, -37.3451, 18.3100.



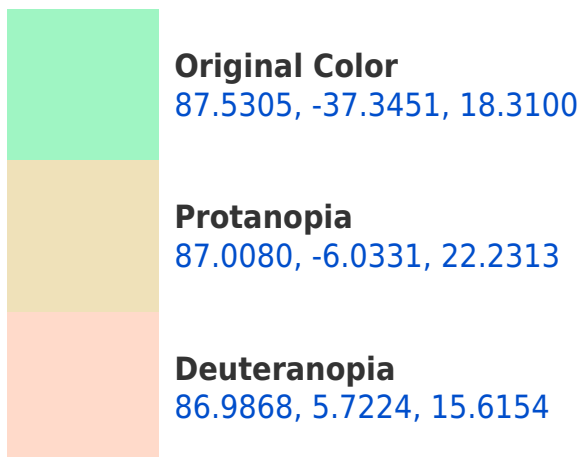
This preview shows how white text looks on a background with the HunterLab color 87.5305,

-37.3451, 18.3100.

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





Tritanopia

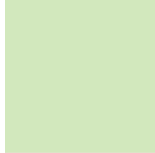
87.2981, -18.8406, -10.7916

Trichromacy



Original Color

87.5305, -37.3451, 18.3100



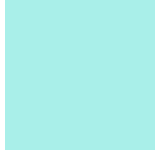
Protanomaly

86.6539, -18.5318, 20.1303



Deuteranomaly

86.5020, -11.9507, 16.0579



Tritanomaly

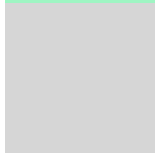
87.2073, -25.8380, 0.8724

Monochromacy



Original Color

87.5305, -37.3451, 18.3100



Achromatopsia

82.0026, -4.3755, 4.4554



Achromatomaly

83.5612, -17.1316, 9.3049

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5305, -37.3451, 18.3100 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(159, 245, 195)` looks like.

```
.text, #text, p{  
    color:rgb(159, 245, 195)  
}
```

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(159, 245, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 245, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5305, -37.3451, 18.3100 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(159, 245, 195) }
```


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

```
.border{ border-color:rgb(159, 245, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 245, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 245, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 245, 195); box-shadow:4px 4px 4px 4px rgb(159, 245, 195) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5305, -37.3451, 18.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 245, 195) }
```

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

```
.background{ background-color: rgb(159,  
245, 195) }
```

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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