

Converting Colors

HunterLab(87.8945, -42.3107,
12.3840)

Have a look what the booklet for
HunterLab(87.8945, -42.3107,
12.3840) contains.

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Color

**HunterLab(87.8805,
-42.3435, 12.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	83F9D2
RGB	131, 249, 210
RGB Percent	51%, 98%, 82%
CMY	0.4863, 0.0235, 0.1765
CMYK	0.47, 0.00, 0.16, 0.02
HSL	160°, 91%, 75%
HSV	160°, 47%, 98%
XYZ	54.8686, 77.2298, 72.9877
YIQ	209.2720, -57.8090, -37.1450

Conversions

Conversions Part 2

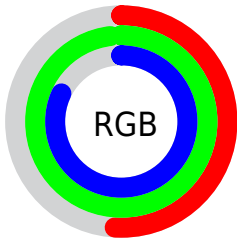
Format	Color
RYB	131, 202, 249
Decimal	8649170
CIELab	90.43, -42.41, 8.46
CIELCh	90, 43.250, 168.719
Yxy	77.2329, 0.2675, 0.3766
Android (android.graphics.Color)	4286839250 (0xFF83F9D2)
YUV	209.2720, 0.3589, -68.6445
Hunter-Lab	87.8805, -42.3435, 12.2740

Details

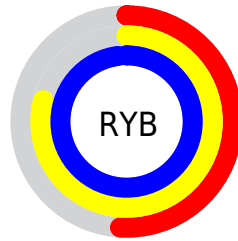
The HunterLab color **87.8805, -42.3435, 12.2740** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.6711, 45.3863, 3.4308**, and the grayscale version is **79.9845, -4.2678, 4.3457**.

A 20% lighter version of the original color is **94.7033, -24.2830, -1.2996**, and **64.3733, -36.5404, 10.0580** is the 20% darker color. If you saturate the color by 10%, you get **86.6476, -47.6682, 14.4194**, and if you desaturate by 10%, it is **89.3793, -36.0799, 10.3377**.

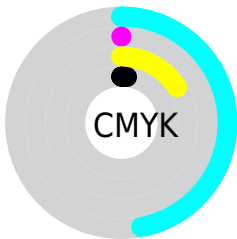
Distribution



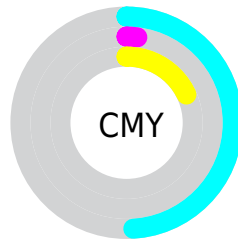
- Red (51%)
- Green (98%)
- Blue (82%)



- Red (51%)
- Yellow (79%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)





- Cyan (49%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.8805, -42.3435, 12.2740 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 87.8805, -42.3435, 12.2740 by changing the saturation by 10% instead.


 87.8805, -42.3435,
12.2740


 87.8805, -42.3435,
12.2740


220.3538,
-65.1862, 22.3917


 75.7919, -39.5333,
11.2217


 113.7841,
-47.7352, 14.4191

 64.3132, -36.6215,
10.1787


 127.5474,
-50.3402, 15.5121

 53.4808, -33.5842,
9.1435


 141.8249,
-52.8977, 16.6198

 43.3358, -30.3869,
8.1121

156.5985,
-55.4149, 17.7428

 33.9284, -26.9798,
7.0785

171.8523,
-57.8977, 18.8814

 25.3217, -23.2876,
6.0330

187.5715,

 17.5986, -19.1883,

-60.3512, 20.0356

4.9585

203.7428,
-62.7795, 21.2057

■ 10.8749, -18.0147,
3.9838

■ 2.1786, -3.8125,
1.5250

■ 87.8805, -42.3435,
12.2740

■ 87.8805, -42.3435,
12.2740

■ 86.6476, -47.6682,
14.4194

■ 89.3793, -36.0799,
10.3377

■ 85.6661, -52.0375,
16.7383

■ 91.1431, -28.9137,
8.6335

■ 84.9232, -55.4705,
19.1930

■ 93.1741, -20.9050,
7.1812

■ 84.3974, -58.0236,
21.7389

■ 95.4693, -12.1267,
5.9930

■ 84.0565, -59.8078,
24.3236

■ 97.9739, -2.8292,
5.0137

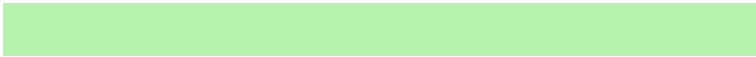
■ 83.9840, -60.2033,
24.9889

■ 98.0990, -2.1473,
3.2306

Harmonies

Analogous

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



87.8823, -34.1926, 27.3482



87.8805, -42.3435, 12.2740



87.8823, -41.1742, -9.0891

Triad

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



87.8823, -42.3445, 12.2750



87.8823, 9.2536, -42.3233



87.8823, 24.8952, 29.9060

Complementary

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



87.8805, -42.3435, 12.2740



62.6711, 45.3863, 3.4308

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.



87.8823, 38.9192, 16.7088



87.8805, -42.3435, 12.2740



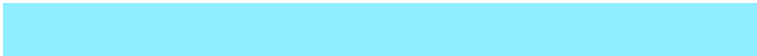
87.8823, 29.2954, -26.0122

Square

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



87.8823, -42.3445, 12.2750



87.8823, -12.7923, -44.3518



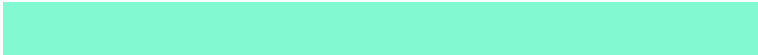
87.8823, 40.6042, -3.4314



87.8823, 3.7088, 35.7320

Rectangle

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



87.8805, -42.3435, 12.2740



87.8823, -35.2359, -24.1904



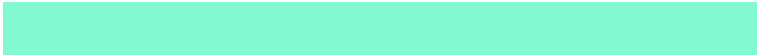
87.8823, 40.6042, -3.4314



87.8823, 30.6888, 26.3588

Sweetspot

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



87.8823, -42.3445, 12.2750



96.4934, -18.5217, 6.9357



88.3043, -44.1135, 39.2222



44.4139, -9.4501, 3.3383

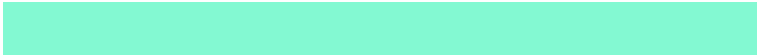
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.8823, -42.3445, 12.2750



89.0593, -48.8164, 14.7418



82.3960, -25.9679, -14.1752



44.1648, -6.5284, 2.8933



61.4664, -43.9089, 17.9591



18.7584, -13.0422, 4.7081

Inverse Universe

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



62.6711, 45.3863, 3.4308



58.9869, 56.9241, 4.9695



66.1866, 30.2904, 22.0777



41.6171, 2.1486, 1.8874



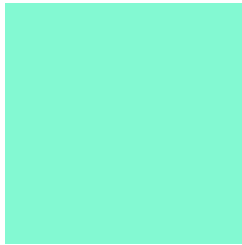
33.3652, 58.1935, 13.3847



10.2459, 18.0473, 2.7377

Previews

White Background



This preview shows how the HunterLab color 87.8805, -42.3435, 12.2740 looks on a white background.

Color Contrast Check

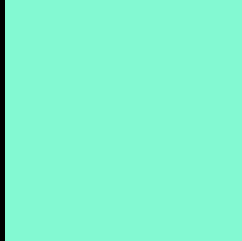
Large Text (above 18pt) WCAG AA × Fail

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 87.8805, -42.3435, 12.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

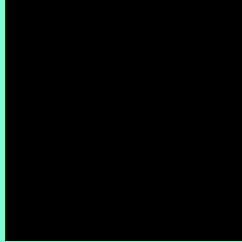
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

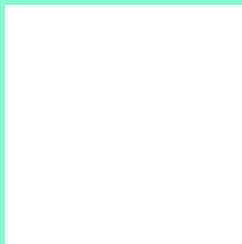
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.8805, -42.3435, 12.2740 Background



This preview shows how black text looks on a background with the HunterLab color 87.8805, -42.3435, 12.2740.



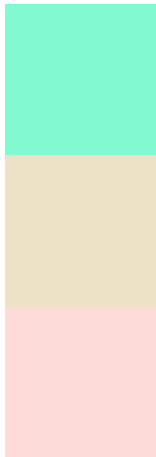
This preview shows how white text looks on a background with the HunterLab color 87.8805,

-42.3435, 12.2740.

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

87.8805, -42.3435, 12.2740

Protanopia

87.1391, -4.9163, 17.2572

Deuteranopia

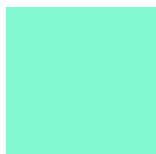
87.3889, 6.3932, 9.4225



Tritanopia

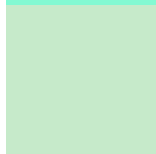
87.7225, -22.4033, -10.2816

Trichromacy



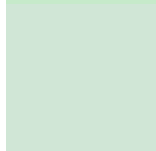
Original Color

87.8805, -42.3435, 12.2740



Protanomaly

86.6693, -21.1529, 14.8097



Deuteranomaly

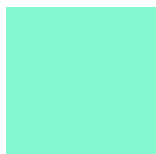
86.5208, -14.3259, 9.4673



Tritanomaly

87.8097, -30.1387, -1.5582

Monochromacy



Original Color

87.8805, -42.3435, 12.2740



Achromatopsia

79.8497, -4.2606, 4.3384



Achromatomaly

82.3034, -19.9313, 6.9114

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8805, -42.3435, 12.2740 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(131, 249, 210)` looks like.

```
.text, #text, p{  
    color:rgb(131, 249, 210)  
}
```

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(131, 249, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 249, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8805, -42.3435, 12.2740 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(131, 249, 210) }
```


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

```
.border{ border-color:rgb(131, 249, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 249, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 249, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 249, 210);  
box-shadow:4px 4px 4px 4px rgb(131, 249,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8805, -42.3435, 12.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 249, 210) }
```

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

```
.background{ background-color: rgb(131,  
249, 210) }
```

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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