

Converting Colors

HunterLab(100.0000, -74.5430,
15.2862)

Have a look what the booklet for
HunterLab(100.0000, -74.5430,
15.2862) contains.

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Color

**HunterLab(87.9145,
-51.9580, 2.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFE7
RGB	0, 255, 231
RGB Percent	0%, 100%, 91%
CMY	0.9998, 0.0000, 0.0941
CMYK	1.00, 0.00, 0.09, 0.00
HSL	174°, 100%, 50%
HSV	174°, 100%, 100%
XYZ	50.1838, 77.2896, 87.8748
YIQ	176.0190, -144.2760, -61.5240

Conversions

Conversions Part 2

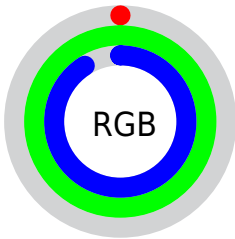
Format	Color
RYB	0, 134, 255
Decimal	65511
CIELab	90.45, -54.73, -2.67
CIELCh	90, 54.798, 182.789
Yxy	77.2900, 0.2330, 0.3589
Android (android.graphics.Color)	4278255591 (0xFF00FFE7)
YUV	176.0190, 27.1056, -154.3687
Hunter-Lab	87.9145, -51.9580, 2.2769

Details

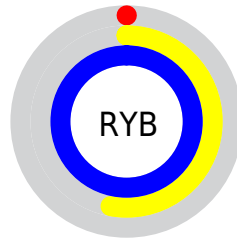
The HunterLab color **87.9145, -51.9580, 2.2769** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **46.1817, 79.2236, 28.7304**, and the grayscale version is **65.8397, -3.5130, 3.5772**.

A 20% lighter version of the original color is **90.9186, -38.5264, -6.3466**, and **65.6255, -39.2219, 2.6425** is the 20% darker color. If you saturate the color by 10%, you get **87.9143, -51.9587, 2.2786**, and if you desaturate by 10%, it is **88.1136, -51.0041, 1.3263**.

Distribution



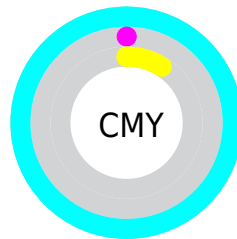
- Red (0%)
- Green (100%)
- Blue (91%)



- Red (0%)
- Yellow (53%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.9145, -51.9580, 2.2769 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 87.9145, -51.9580, 2.2769 by changing the saturation by 10% instead.


 87.9145, -51.9580,
2.2769


 87.9145, -51.9580,
2.2769


220.3979,
-79.6935, 8.6108


 75.8228, -48.4606,
1.7353


 113.8195,
-58.6060, 3.4670


 64.3425, -44.8179,
1.2336


 127.5842,
-61.7945, 4.1130

 53.5083, -40.9941,
0.7741


 141.8630,
-64.9101, 4.7905

 43.3615, -36.9423,
0.3605

 156.6379,
-67.9628, 5.4984

 33.9520, -32.5952,
-0.0026

171.8929,
-70.9611, 6.2353

 25.3432, -27.8528,
-0.3092

187.6133,

 17.6176, -22.5613,

-73.9118, 7.0003

-0.5505

203.7858,
-76.8209, 7.7924

■ 10.8911, -19.0595,
-0.7135

■ 2.2442, -3.9273,
-4.8020

■ 87.9145, -51.9580,
2.2769

■ 87.9145, -51.9580,
2.2769

■ 87.9143, -51.9587,
2.2786

■ 88.1136, -51.0041,
1.3263

■ 88.4704, -49.4225,
0.5680

■ 89.0306, -47.0409,
0.0645

■ 89.8195, -43.7792,
-0.1483

■ 90.8551, -39.5951,
-0.0454

■ 92.1496, -34.4778,
0.3884

■ 93.7105, -28.4440,
1.1590

■ 95.5410, -21.5326,
2.2644

■ 97.6407, -13.8001,
3.6955

Harmonies

Analogous

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



87.9147, -47.3506, 25.0015



87.9145, -51.9580, 2.2769



87.9147, -45.2602, -27.4339

Triad

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



87.9147, -51.9567, 2.2763



87.9147, 26.1550, -49.5728



87.9147, 21.0989, 39.0523

Complementary

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



87.9145, -51.9580, 2.2769



46.1817, 79.2236, 28.7304

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.



87.9147, 44.8893, 28.1031



87.9145, -51.9580, 2.2769



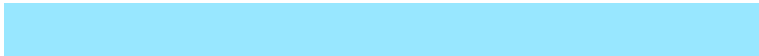
87.9147, 48.0540, -21.7776

Square

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



87.9147, -51.9567, 2.2763



87.9147, -2.0807, -62.6343



87.9147, 55.2987, 7.2228



87.9147, -7.2803, 41.9232

Rectangle

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



87.9145, -51.9580, 2.2769



87.9147, -34.7348, -46.0883



87.9147, 55.2987, 7.2228



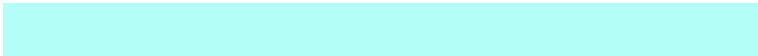
87.9147, 30.0116, 36.4068

Sweetspot

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



87.9147, -51.9567, 2.2763



93.7065, -28.4593, 1.1568



84.6959, -71.9774, 50.9279



43.0334, -14.3939, 0.3660

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.9147, -51.9567, 2.2763



87.9143, -51.9587, 2.2786



54.7821, 0.0770, -68.6351



45.2219, -6.2069, 1.7446



63.5590, -37.5013, 1.5113



19.8535, -11.5769, 0.1762

Inverse Universe

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



46.1817, 79.2236, 28.7304



46.1800, 79.2276, 28.7332



55.4707, 50.9351, 35.0706



42.4439, 1.7546, 3.1246



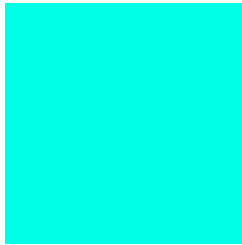
33.3953, 57.3213, 20.5654



10.4632, 18.0442, 5.7868

Previews

White Background



This preview shows how the HunterLab color 87.9145, -51.9580, 2.2769 looks on a white background.

Color Contrast Check

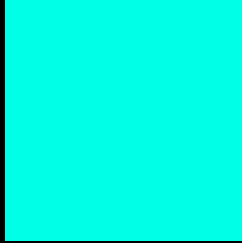
Large Text (above 18pt) WCAG AA × Fail

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 87.9145, -51.9580, 2.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

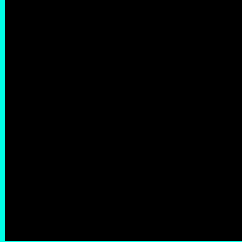
Any Text WCAG AA ✓ Pass

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 87.9145, -51.9580, 2.2769 Background



This preview shows how black text looks on a background with the HunterLab color 87.9145, -51.9580, 2.2769.



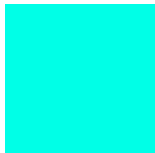
This preview shows how white text looks on a background with the HunterLab color 87.9145, -51.9580, 2.2769.

-51.9580, 2.2769.

Color Blindness Simulation

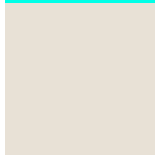
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



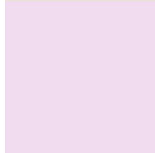
Original Color

87.9145, -51.9580, 2.2769



Protanopia

87.0984, -4.1650, 10.2901



Deuteranopia

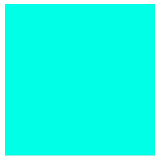
86.9458, 6.3101, -2.0003



Tritanopia

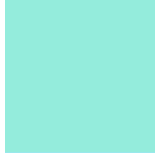
87.4222, -26.9722, -10.7662

Trichromacy



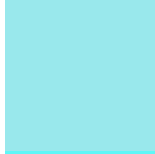
Original Color

87.9145, -51.9580, 2.2769



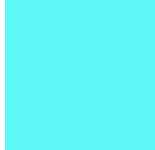
Protanomaly

84.5305, -31.5199, 4.0434



Deuteranomaly

83.9891, -25.5558, -4.7137



Tritanomaly

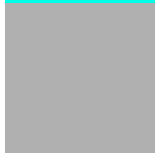
86.5708, -39.7309, -7.0643

Monochromacy



Original Color

87.9145, -51.9580, 2.2769



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

71.4793, -29.0025, 0.2187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.9145, -51.9580, 2.2769 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(0, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 231)  
}
```

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(0, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 87.9145, -51.9580, 2.2769 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(0, 255, 231) }
```


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

```
.border{ border-color:rgb(0, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.9145, -51.9580, 2.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 231) }
```

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

```
.background{ background-color: rgb(0, 255,  
231) }
```

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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