

Converting Colors

HunterLab(87.9918, -51.4826,
1.1834)

Have a look what the booklet for
HunterLab(87.9918, -51.4826,
1.1834) contains.

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Color

**HunterLab(87.9828,
-51.5546, 1.3619)**

Conversions

Conversions Part 1

Format	Color
Hex	01FFE9
RGB	1, 255, 233
RGB Percent	0%, 100%, 91%
CMY	0.9958, 0.0000, 0.0863
CMYK	1.00, 0.00, 0.09, 0.00
HSL	175°, 100%, 50%
HSV	175°, 100%, 100%
XYZ	50.4806, 77.4097, 89.3719
YIQ	176.5460, -144.3220, -60.6900

Conversions

Conversions Part 2

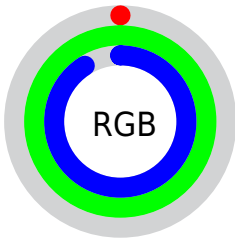
Format	Color
R_{YB}	1, 134, 255
Decimal	131049
CIE Lab	90.51, -54.18, -3.62
CIE LCh	91, 54.297, 183.825
Yxy	77.4102, 0.2324, 0.3563
Android (android.graphics.Color)	4278321129 (0xFF01FFE9)
YUV	176.5460, 27.8318, -153.9538
Hunter-Lab	87.9828, -51.5546, 1.3619

Details

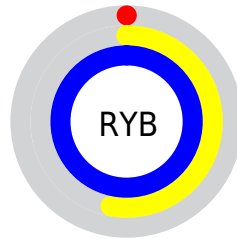
The HunterLab color **87.9828, -51.5546, 1.3619** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **46.2009, 79.1263, 28.8095**, and the grayscale version is **66.0568, -3.5246, 3.5890**.

A 20% lighter version of the original color is **90.9186, -38.5264, -6.3466**, and **65.6558, -39.0396, 2.2113** is the 20% darker color. If you saturate the color by 10%, you get **87.9762, -51.5870, 1.3990**, and if you desaturate by 10%, it is **88.1802, -50.6194, 0.4958**.

Distribution



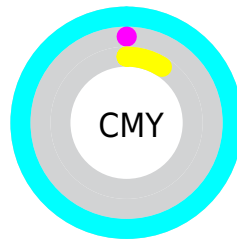
- Red (0%)
- Green (100%)
- Blue (91%)



- 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 87.9828, -51.5546, 1.3619 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 87.9828, -51.5546, 1.3619 by changing the saturation by 10% instead.


 87.9828, -51.5546,
1.3619


 87.9828, -51.5546,
1.3619


220.4907,
-79.0627, 7.3875


 75.8878, -48.0894,
0.8612


 113.8940,
-58.1437, 2.4753

 64.4040, -44.4811,
0.4024


 127.6615,
-61.3051, 3.0849

 53.5662, -40.6946,
-0.0119


 141.9431,
-64.3947, 3.7275

 43.4154, -36.6835,
-0.3776

 156.7207,
-67.4226, 4.4014

 34.0018, -32.3814,
-0.6896

171.9784,
-70.3969, 5.1055

 25.3883, -27.6897,
-0.9410

187.7013,

 17.6576, -22.4538,

-73.3247, 5.8385

-1.1221

203.8762,
-76.2116, 6.5995

■ 10.9252, -19.1191,
-1.2186

■ 2.3763, -4.1585,
-6.1893

■ 87.9828, -51.5546,
1.3619

■ 87.9828, -51.5546,
1.3619

■ 87.9762, -51.5870,
1.3990

■ 88.1802, -50.6194,
0.4958

■ 88.5386, -49.0443,
-0.1703

■ 89.1014, -46.6666,
-0.5771

■ 89.8936, -43.4076,
-0.6896

■ 90.9328, -39.2257,
-0.4839

■ 92.2312, -34.1110,
0.0542

■ 93.7963, -28.0805,
0.9296

■ 95.6311, -21.1733,
2.1393

■ 97.7349, -13.4461,
3.6733

Harmonies

Analogous

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



87.9831, -47.3642, 24.2406



87.9828, -51.5546, 1.3619



87.9831, -44.5162, -28.1258

Triad

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



87.9831, -51.5533, 1.3613



87.9831, 26.7666, -48.1875



87.9831, 19.9032, 39.0678

Complementary

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



87.9828, -51.5546, 1.3619



46.2009, 79.1263, 28.8095

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.



87.9831, 43.7634, 28.4720



87.9828, -51.5546, 1.3619



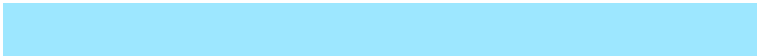
87.9831, 48.0558, -20.4595

Square

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



87.9831, -51.5533, 1.3613



87.9831, -1.1380, -61.7693



87.9831, 54.6268, 8.0844



87.9831, -8.2048, 41.6869

Rectangle

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



87.9828, -51.5546, 1.3619



87.9831, -33.8290, -46.3592



87.9831, 54.6268, 8.0844



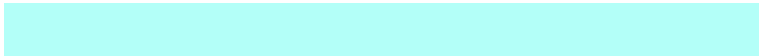
87.9831, 28.7951, 36.5240

Sweetspot

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



87.9831, -51.5533, 1.3613



93.7255, -28.3504, 0.8863



84.7042, -71.9392, 50.9135



43.0435, -14.3360, 0.2230

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

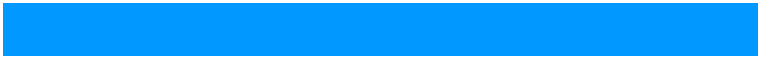
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9831, -51.5533, 1.3613



87.9762, -51.5870, 1.3990



54.9082, -0.1089, -68.3253



45.2247, -6.1916, 1.7055



63.6030, -37.2367, 0.8851



19.8657, -11.5033, 0.0020

Inverse Universe

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



46.2009, 79.1263, 28.8095



46.1717, 79.1967, 28.8567



55.5799, 50.6621, 35.1024



42.4413, 1.7405, 3.1621



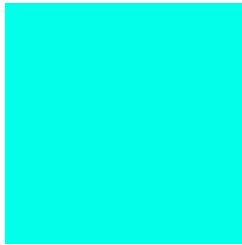
33.3885, 57.2961, 20.6664



10.4581, 18.0256, 5.8608

Previews

White Background



This preview shows how the HunterLab color 87.9828, -51.5546, 1.3619 looks on a white background.

Color Contrast Check

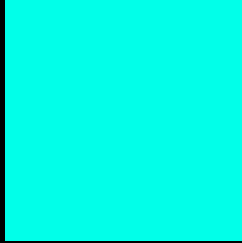
Large Text (above 18pt) WCAG AA × Fail

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 87.9828, -51.5546, 1.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

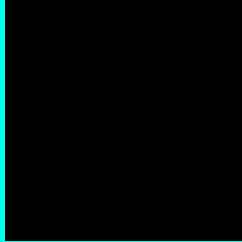
Any Text WCAG AA ✓ Pass

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 87.9828, -51.5546, 1.3619 Background



This preview shows how black text looks on a background with the HunterLab color 87.9828, -51.5546, 1.3619.



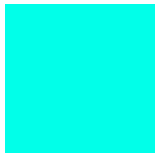
This preview shows how white text looks on a background with the HunterLab color 87.9828,

-51.5546, 1.3619.

Color Blindness Simulation

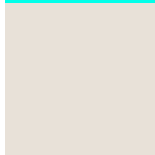
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



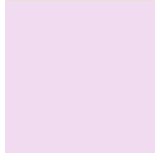
Original Color

87.9828, -51.5546, 1.3619



Protanopia

87.1574, -3.8421, 9.4449



Deuteranopia

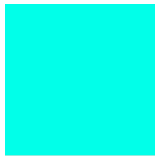
87.0142, 6.6757, -2.9695



Tritanopia

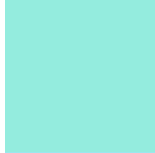
87.4758, -26.7723, -10.6905

Trichromacy



Original Color

87.9828, -51.5546, 1.3619



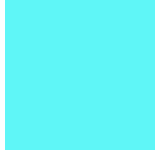
Protanomaly

84.5936, -31.1546, 3.1448



Deuteranomaly

84.1168, -24.9410, -5.6191



Tritanomaly

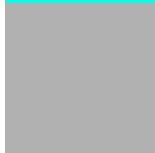
86.6371, -39.4025, -7.5242

Monochromacy



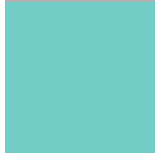
Original Color

87.9828, -51.5546, 1.3619



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

71.5574, -28.6397, -0.1757

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.9828, -51.5546, 1.3619 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(1, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(1, 255, 233)  
}
```

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(1, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 255, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 87.9828, -51.5546, 1.3619 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(1, 255, 233) }
```


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

```
.border{ border-color:rgb(1, 255, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 255, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(1, 255,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.9828, -51.5546, 1.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 255, 233) }
```

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

```
.background{ background-color: rgb(1, 255,  
233) }
```

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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