

Converting Colors

HunterLab(87.8824, -52.1509,
2.7334)

Have a look what the booklet for
HunterLab(87.8824, -52.1509,
2.7334) contains.

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Color

**HunterLab(87.8824,
-52.1509, 2.7334)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFE6
RGB	0, 255, 230
RGB Percent	0%, 100%, 90%
CMY	0.9998, 0.0000, 0.0980
CMYK	1.00, 0.00, 0.10, 0.00
HSL	174°, 100%, 50%
HSV	174°, 100%, 100%
XYZ	50.0429, 77.2332, 87.1328
YIQ	175.9050, -143.9550, -61.8350

Conversions

Conversions Part 2

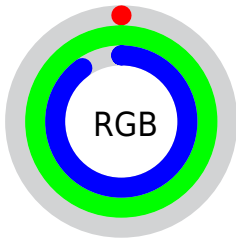
Format	Color
RYB	0, 134, 255
Decimal	65510
CIELab	90.43, -55.00, -2.18
CIELCh	90, 55.044, 182.275
Yxy	77.2337, 0.2334, 0.3602
Android (android.graphics.Color)	4278255590 (0xFF00FFE6)
YUV	175.9050, 26.6688, -154.2687
Hunter-Lab	87.8824, -52.1509, 2.7334

Details

The HunterLab color **87.8824, -52.1509, 2.7334** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.1863, 79.2408, 28.6622**, and the grayscale version is **65.7937, -3.5106, 3.5747**.

A 20% lighter version of the original color is **90.9186, -38.5264, -6.3466**, and **65.5955, -39.4029, 3.0710** is the 20% darker color. If you saturate the color by 10%, you get **87.8823, -52.1516, 2.7352**, and if you desaturate by 10%, it is **88.0844, -51.1794, 1.7417**.

Distribution



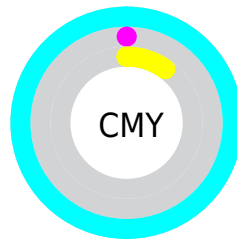
- Red (0%)
- Green (100%)
- Blue (90%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.8824, -52.1509, 2.7334 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 87.8824, -52.1509, 2.7334 by changing the saturation by 10% instead.


 87.8824, -52.1509,
2.7334

 87.8824, -52.1509,
2.7334


220.3543,
-79.9955, 9.2234


 75.7923, -48.6381,
2.1710


 113.7846,
-58.8271, 3.9625

 64.3136, -44.9788,
1.6475


 127.5479,
-62.0288, 4.6268

 53.4811, -41.1372,
1.1651


 141.8254,
-65.1568, 5.3221

 43.3361, -37.0659,
0.7270

 156.5990,
-68.2214, 6.0471

 33.9287, -32.6972,
0.3377

171.8528,
-71.2311, 6.8007

 25.3220, -27.9305,
0.0029

187.5721,

 17.5989, -22.6134,

-74.1928, 7.5819

-0.2695

203.7433,
-77.1126, 8.3897

■ 10.8752, -19.0315,
-0.4672

■ 2.1794, -3.8140,
-4.0371

■ 87.8824, -52.1509,
2.7334

■ 87.8824, -52.1509,
2.7334

■ 87.8823, -52.1516,
2.7352

■ 88.0844, -51.1794,
1.7417

■ 88.4441, -49.5794,
0.9406

■ 89.0075, -47.1786,
0.3927

■ 89.7996, -43.8971,
0.1343

■ 90.8384, -39.6927,
0.1906

■ 92.1362, -34.5551,
0.5770

■ 93.7005, -28.5012,
1.2999

■ 95.5343, -21.5702,
2.3577

■ 97.6373, -13.8186,
3.7417

Harmonies

Analogous

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



87.8827, -47.3354, 25.3756



87.8824, -52.1509, 2.7334



87.8827, -45.6244, -27.0791

Triad

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



87.8827, -52.1496, 2.7328



87.8827, 25.8408, -50.2572



87.8827, 21.6950, 39.0394

Complementary

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



87.8824, -52.1509, 2.7334



46.1863, 79.2408, 28.6622

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.



87.8827, 45.4437, 27.9127



87.8824, -52.1509, 2.7334



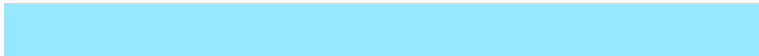
87.8827, 48.0396, -22.4378

Square

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



87.8827, -52.1496, 2.7328



87.8827, -2.5533, -63.0503



87.8827, 55.6212, 6.7863



87.8827, -6.8142, 42.0357

Rectangle

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



87.8824, -52.1509, 2.7334



87.8827, -35.1816, -45.9380



87.8827, 55.6212, 6.7863



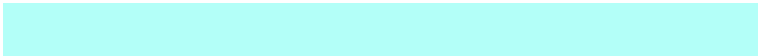
87.8827, 30.6158, 36.3428

Sweetspot

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



87.8827, -52.1496, 2.7328



93.6966, -28.5162, 1.2979



84.6959, -71.9775, 50.9279



43.0282, -14.4241, 0.4406

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.8827, -52.1496, 2.7328



87.8823, -52.1516, 2.7352



54.7819, 0.0773, -68.6355



45.2205, -6.2148, 1.7650



63.5362, -37.6387, 1.8364



19.8471, -11.6152, 0.2667

Inverse Universe

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



46.1863, 79.2408, 28.6622



46.1846, 79.2446, 28.6651



55.4705, 50.9355, 35.0706



42.4453, 1.7620, 3.1051



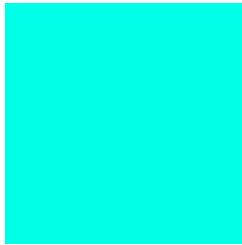
33.3991, 57.3352, 20.5099



10.4658, 18.0538, 5.7481

Previews

White Background



This preview shows how the HunterLab color 87.8824, -52.1509, 2.7334 looks on a white background.

Color Contrast Check

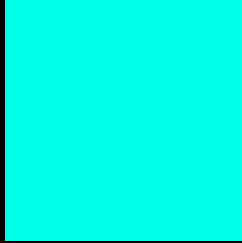
Large Text (above 18pt) WCAG AA × Fail

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 87.8824, -52.1509, 2.7334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

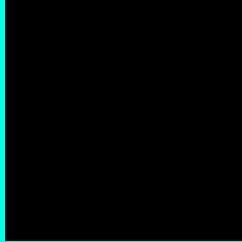
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

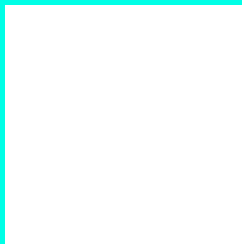
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.8824, -52.1509, 2.7334 Background



This preview shows how black text looks on a background with the HunterLab color 87.8824, -52.1509, 2.7334.



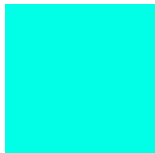
This preview shows how white text looks on a background with the HunterLab color 87.8824,

-52.1509, 2.7334.

Color Blindness Simulation

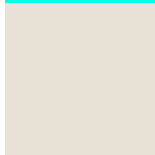
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



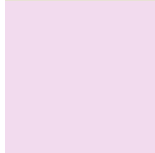
Original Color

87.8824, -52.1509, 2.7334



Protanopia

87.0691, -4.3251, 10.7093



Deuteranopia

87.0134, 6.4688, -1.3863



Tritanopia

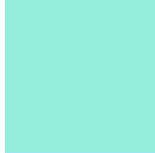
87.4222, -26.9722, -10.7662

Trichromacy



Original Color

87.8824, -52.1509, 2.7334



Protanomaly

84.4993, -31.7012, 4.4892



Deuteranomaly

84.0127, -25.5366, -4.1470



Tritanomaly

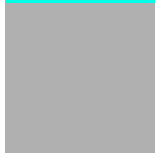
86.5708, -39.7309, -7.0643

Monochromacy



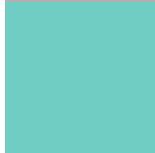
Original Color

87.8824, -52.1509, 2.7334



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 87.8824, -52.1509, 2.7334 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8824, -52.1509, 2.7334 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, 230) }
```


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

```
.border{ border-color:rgb(0, 255, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8824, -52.1509, 2.7334 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, 230) }
```

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

```
.background{ background-color: rgb(0, 255,  
230) }
```

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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