

Converting Colors

HunterLab(83.6592, -67.0133,
-1.5521)

Have a look what the booklet for
HunterLab(83.6592, -67.0133,
-1.5521) contains.

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Color

**HunterLab(87.4557,
-52.1279, 3.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	00FEE4
RGB	0, 254, 228
RGB Percent	0%, 100%, 89%
CMY	0.9998, 0.0039, 0.1059
CMYK	1.00, 0.00, 0.10, 0.00
HSL	174°, 100%, 50%
HSV	174°, 100%, 100%
XYZ	49.4453, 76.4850, 85.5558
YIQ	175.0900, -143.0380, -61.9340

Conversions

Conversions Part 2

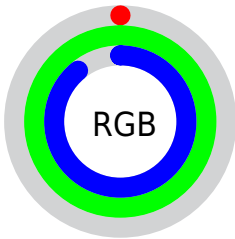
Format	Color
RYB	0, 134, 254
Decimal	65252
CIELab	90.09, -55.13, -1.65
CIELCh	90, 55.154, 181.715
Yxy	76.4879, 0.2338, 0.3617
Android (android.graphics.Color)	4278255332 (0xFF00FEE4)
YUV	175.0900, 26.0846, -153.5539
Hunter-Lab	87.4557, -52.1279, 3.2170

Details

The HunterLab color **87.4557, -52.1279, 3.2170** 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 **45.9865, 78.9093, 28.4538**, and the grayscale version is **65.4574, -3.4926, 3.5564**.

A 20% lighter version of the original color is **90.8799, -38.6755, -6.3994**, and **65.1897, -39.3774, 3.5230** is the 20% darker color. If you saturate the color by 10%, you get **87.4570, -52.1301, 3.2203**, and if you desaturate by 10%, it is **87.6616, -51.1419, 2.1872**.

Distribution



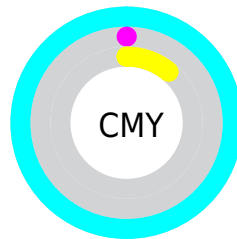
- Red (0%)
- Green (100%)
- Blue (89%)



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



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





- Cyan (100%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.4557, -52.1279, 3.2170 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 87.4557, -52.1279, 3.2170 by changing the saturation by 10% instead.


 87.4557, -52.1279,
3.2170

 87.4557, -52.1279,
3.2170


219.7763,
-80.0461, 9.8745


 75.3874, -48.6048,
2.6342


 113.3209,
-58.8262, 4.4891

 63.9304, -44.9321,
2.0875


 127.0663,
-62.0367, 5.1730


 53.1208, -41.0751,
1.5805


 141.3264,
-65.1730, 5.8871

 43.0003, -36.9856,
1.1165

 156.0833,
-68.2454, 6.6304

 33.6192, -32.5951,
0.6994

 171.3208,
-71.2623, 7.4017

 25.0414, -27.8011,
0.3344

187.0243,

 17.3504, -22.4658,

-74.2309, 8.2000

0.0290

203.1802,
-77.1571, 9.0246

■ 10.6637, -18.6615,
-0.2057

■ 0.9723, -1.7015,
-6.9850

■ 87.4557, -52.1279,
3.2170

■ 87.4557, -52.1279,
3.2170

■ 87.4570, -52.1301,
3.2203

■ 87.6616, -51.1419,
2.1872

■ 88.0232, -49.5280,
1.3436

■ 88.5877, -47.1161,
0.7503

■ 89.3799, -43.8269,
0.4436

■ 90.4177, -39.6190,
0.4489

■ 91.7134, -34.4822,
0.7819

■ 93.2742, -28.4338,
1.4495

■ 95.1033, -21.5130,
2.4503

■ 97.2002, -13.7765,
3.7761

Harmonies

Analogous

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



87.4574, -47.1078, 25.6693



87.4557, -52.1279, 3.2170



87.4574, -45.8188, -26.5706

Triad

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



87.4574, -52.1282, 3.2180



87.4574, 25.3817, -50.7857



87.4574, 22.2526, 38.8514

Complementary

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



87.4557, -52.1279, 3.2170



45.9865, 78.9093, 28.4538

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.



87.4574, 45.8493, 27.5792



87.4557, -52.1279, 3.2170



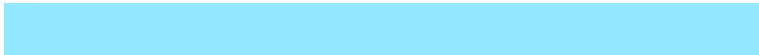
87.4574, 47.8093, -23.0646

Square

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



87.4574, -52.1282, 3.2180



87.4574, -3.0584, -63.2252



87.4574, 55.7265, 6.2755



87.4574, -6.2724, 41.9712

Rectangle

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



87.4557, -52.1279, 3.2170



87.4574, -35.5128, -45.5683



87.4574, 55.7265, 6.2755



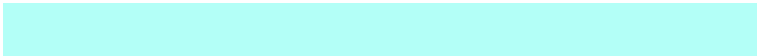
87.4574, 31.1424, 36.1109

Sweetspot

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



87.4574, -52.1282, 3.2180



93.6856, -28.5789, 1.4536



84.3548, -71.5073, 50.7261



43.0224, -14.4574, 0.5229

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4574, -52.1282, 3.2180



87.8470, -52.3637, 3.2371



55.8161, -2.0908, -65.2481



45.2189, -6.2236, 1.7875



63.5111, -37.7897, 2.1939



19.8401, -11.6573, 0.3663

Inverse Universe

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



45.9865, 78.9093, 28.4538



46.1899, 79.2641, 28.5869



54.4937, 52.6501, 34.4987



42.4468, 1.7701, 3.0834



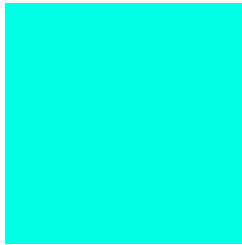
33.4034, 57.3510, 20.4466



10.4687, 18.0646, 5.7054

Previews

White Background



This preview shows how the HunterLab color 87.4557, -52.1279, 3.2170 looks on a white background.

Color Contrast Check

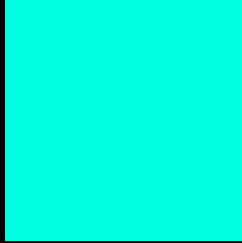
Large Text (above 18pt) WCAG AA × Fail

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 87.4557, -52.1279, 3.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

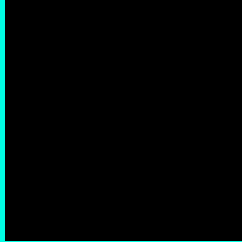
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

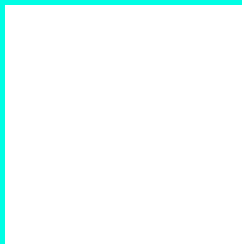
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.4557, -52.1279, 3.2170 Background



This preview shows how black text looks on a background with the HunterLab color 87.4557, -52.1279, 3.2170.



This preview shows how white text looks on a background with the HunterLab color 87.4557, -52.1279, 3.2170.

-52.1279, 3.2170.

Color Blindness Simulation

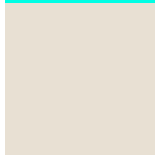
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



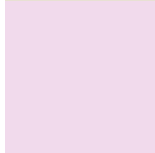
Original Color

87.4557, -52.1279, 3.2170



Protanopia

86.7008, -4.1260, 11.2083



Deuteranopia

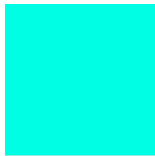
86.5446, 6.3036, -0.9271



Tritanopia

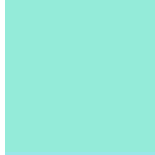
87.1609, -27.9495, -11.1368

Trichromacy



Original Color

87.4557, -52.1279, 3.2170



Protanomaly

84.0966, -31.6052, 4.9849



Deuteranomaly

83.5508, -25.6751, -3.6717



Tritanomaly

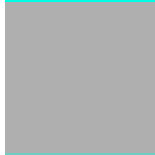
86.4455, -40.2888, -6.6873

Monochromacy



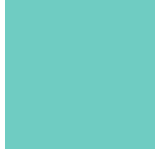
Original Color

87.4557, -52.1279, 3.2170



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

71.0354, -29.1108, 0.6622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4557, -52.1279, 3.2170 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, 254, 228)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 228)  
}
```

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, 254, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4557, -52.1279, 3.2170 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, 254, 228) }
```


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

```
.border{ border-color:rgb(0, 254, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 254, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 228);  
box-shadow:4px 4px 4px 4px rgb(0, 254,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4557, -52.1279, 3.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 254, 228) }
```

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

```
.background{ background-color: rgb(0, 254,  
228) }
```

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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