

Converting Colors

HunterLab(87.7848, -52.7322,
4.1082)

Have a look what the booklet for
HunterLab(87.7848, -52.7322,
4.1082) contains.

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Color

**HunterLab(87.7873,
-52.7237, 4.0890)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00FFE3 |
| RGB | 0, 255, 227 |
| RGB Percent | 0%, 100%, 89% |
| CMY | 0.9998, 0.0000, 0.1098 |
| CMYK | 1.00, 0.00, 0.11, 0.00 |
| HSL | 173°, 100%, 50% |
| HSV | 173°, 100%, 100% |
| XYZ | 49.6252, 77.0661, 84.9328 |
| YIQ | 175.5630, -142.9920, -62.7680 |

Conversions

Conversions Part 2

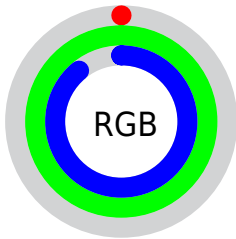
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 135, 255 |
| Decimal | 65507 |
| CIELab | 90.35, -55.80, -0.74 |
| CIELCh | 90, 55.801, 180.761 |
| Yxy | 77.0666, 0.2345, 0.3642 |
| Android (android.graphics.Color) | 4278255587 (0xFF00FFE3) |
| YUV | 175.5630, 25.3584, -153.9688 |
| Hunter-Lab | 87.7873, -52.7237, 4.0890 |

Details

The HunterLab color **87.7873, -52.7237, 4.0890** 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 **46.2012, 79.2955, 28.4424**, and the grayscale version is **65.6569, -3.5033, 3.5673**.

A 20% lighter version of the original color is **90.8799, -38.6755, -6.3994**, and **65.5065, -39.9392, 4.3398** is the 20% darker color. If you saturate the color by 10%, you get **87.7871, -52.7247, 4.0912**, and if you desaturate by 10%, it is **87.9977, -51.7005, 2.9764**.

Distribution



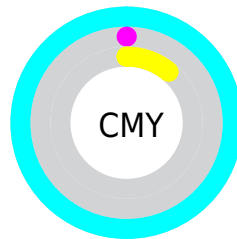
- Red (0%)
- Green (100%)
- Blue (89%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.7873, -52.7237, 4.0890 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 87.7873, -52.7237, 4.0890 by changing the saturation by 10% instead.


 87.7873, -52.7237,
4.0890

 87.7873, -52.7237,
4.0890


220.2251,
-80.8936, 11.0515


 75.7017, -49.1649,
3.4635


 113.6809,
-59.4842, 5.4362

 64.2279, -45.4562,
2.8737


 127.4402,
-62.7247, 6.1562


 53.4005, -41.5613,
2.3211


 141.7138,
-65.8898, 6.9052

 43.2610, -37.4317,
1.8084

 156.4837,
-68.9900, 7.6821

 33.8594, -32.9986,
1.3389

 171.7339,
-72.0338, 8.4861

 25.2592, -28.1593,
0.9169

187.4496,

 17.5432, -22.7699,

-75.0285, 9.3161

0.5483

203.6174,
-77.9800, 10.1715

■ 10.8278, -18.9486,
0.2416

■ 1.9747, -3.4558,
-1.4486

■ 87.7873, -52.7237,
4.0890

■ 87.7873, -52.7237,
4.0890

■ 87.7871, -52.7247,
4.0912

■ 87.9977, -51.7005,
2.9764

■ 88.3663, -50.0459,
2.0494

■ 88.9388, -47.5879,
1.3707

■ 89.7404, -44.2473,
0.9772

■ 90.7890, -39.9826,
0.8951

■ 92.0968, -34.7843,
1.1408

■ 93.6711, -28.6702,
1.7219

■ 95.5150, -21.6802,
2.6378

■ 97.6279, -13.8717,
3.8807

Harmonies

Analogous

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



87.7876, -47.2859, 26.4801



87.7873, -52.7237, 4.0890



87.7876, -46.7077, -26.0164

Triad

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



87.7876, -52.7225, 4.0884



87.7876, 24.8970, -52.3208



87.7876, 23.4885, 38.9982

Complementary

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



87.7873, -52.7237, 4.0890



46.2012, 79.2955, 28.4424

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.



87.7876, 47.1074, 27.3359



87.7873, -52.7237, 4.0890



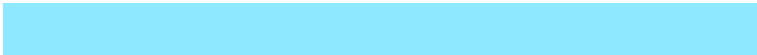
87.7876, 47.9903, -24.4361

Square

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



87.7876, -52.7225, 4.0884



87.7876, -3.9651, -64.2948



87.7876, 56.5836, 5.4631



87.7876, -5.4102, 42.3675

Rectangle

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



87.7873, -52.7237, 4.0890



87.7876, -36.5119, -45.4812



87.7876, 56.5836, 5.4631



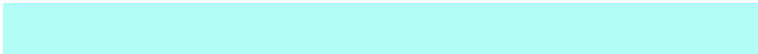
87.7876, 32.4324, 36.1483

Sweetspot

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



87.7876, -52.7225, 4.0884



93.6669, -28.6862, 1.7201



84.7309, -71.8278, 50.9521



43.0125, -14.5145, 0.6636

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7876, -52.7225, 4.0884



87.7871, -52.7247, 4.0912



56.0599, -2.0912, -65.5517



45.2162, -6.2387, 1.8261



63.4684, -38.0468, 2.8021



19.8282, -11.7290, 0.5360

Inverse Universe

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



46.2012, 79.2955, 28.4424



46.1994, 79.2994, 28.4458



54.7320, 52.8979, 34.6498



42.4494, 1.7841, 3.0462



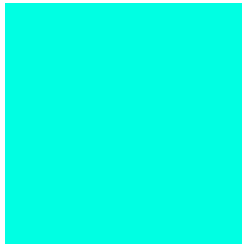
33.4110, 57.3795, 20.3329



10.4736, 18.0829, 5.6323

Previews

White Background



This preview shows how the HunterLab color 87.7873, -52.7237, 4.0890 looks on a white background.

Color Contrast Check

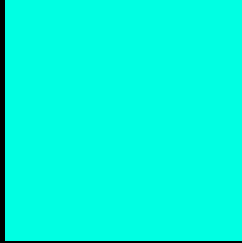
Large Text (above 18pt) WCAG AA × Fail

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 87.7873, -52.7237, 4.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

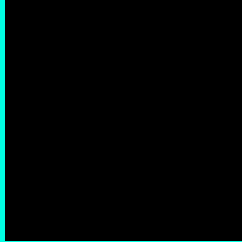
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

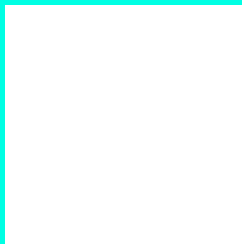
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.7873, -52.7237, 4.0890 Background



This preview shows how black text looks on a background with the HunterLab color 87.7873, -52.7237, 4.0890.



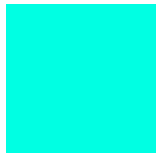
This preview shows how white text looks on a background with the HunterLab color 87.7873, -52.7237, 4.0890.

-52.7237, 4.0890.

Color Blindness Simulation

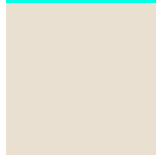
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



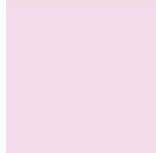
Original Color

87.7873, -52.7237, 4.0890



Protanopia

86.7687, -3.9479, 11.7340



Deuteranopia

87.0149, 6.2727, 0.1735



Tritanopia

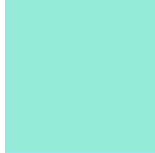
87.3691, -27.1706, -10.8415

Trichromacy



Original Color

87.7873, -52.7237, 4.0890



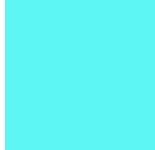
Protanomaly

84.0657, -31.7842, 5.4253



Deuteranomaly

83.9690, -25.9044, -2.6181



Tritanomaly

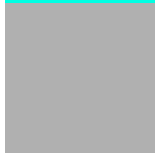
86.5354, -39.9391, -6.5642

Monochromacy



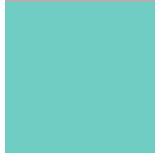
Original Color

87.7873, -52.7237, 4.0890



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

71.4475, -29.1877, 0.6702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7873, -52.7237, 4.0890 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7873, -52.7237, 4.0890 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, 227) }
```


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

```
.border{ border-color:rgb(0, 255, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7873, -52.7237, 4.0890 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, 227) }
```

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

```
.background{ background-color: rgb(0, 255,  
227) }
```

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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