

Converting Colors

HunterLab(87.3775, -56.0046,
16.1885)

Have a look what the booklet for
HunterLab(87.3775, -56.0046,
16.1885) contains.

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Color

**HunterLab(87.3770,
-56.0080, 16.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFC7
RGB	51, 255, 199
RGB Percent	20%, 100%, 78%
CMY	0.8000, 0.0000, 0.2196
CMYK	0.80, 0.00, 0.22, 0.00
HSL	164°, 100%, 60%
HSV	164°, 80%, 100%
XYZ	47.4341, 76.3474, 66.2693
YIQ	187.6200, -103.6080, -60.6640

Conversions

Conversions Part 2

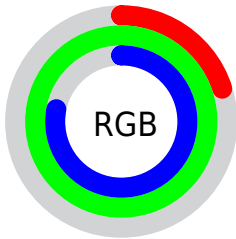
Format	Color
RYB	51, 169, 255
Decimal	3407815
CIELab	90.02, -60.38, 13.30
CIELCh	90, 61.830, 167.577
Yxy	76.3477, 0.2496, 0.4017
Android (android.graphics.Color)	4281597895 (0xFF33FFC7)
YUV	187.6200, 5.6103, -119.8157
Hunter-Lab	87.3770, -56.0080, 16.1966

Details

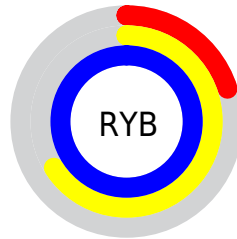
The HunterLab color **87.3770, -56.0080, 16.1966** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.6893, 74.9803, 15.3307**, and the grayscale version is **70.7643, -3.7758, 3.8448**.

A 20% lighter version of the original color is **91.4141, -36.6253, -5.6737**, and **64.7895, -44.2924, 14.6334** is the 20% darker color. If you saturate the color by 10%, you get **86.9132, -58.2648, 18.5152**, and if you desaturate by 10%, it is **88.0533, -52.8922, 14.0130**.

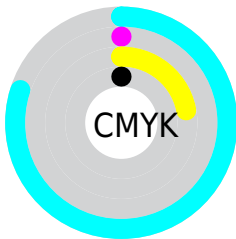
Distribution



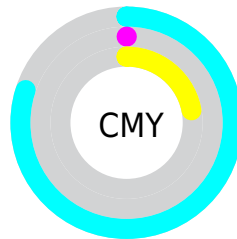
- Red (20%)
- Green (100%)
- Blue (78%)



- Red (20%)
- Yellow (66%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.3770, -56.0080, 16.1966 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 87.3770, -56.0080, 16.1966 by changing the saturation by 10% instead.


 87.3770, -56.0080,
16.1966


 87.3770, -56.0080,
16.1966


219.6673,
-86.0601, 28.0506


 75.3111, -52.1831,
14.9020


 113.2335,
-63.2559, 18.7839


 63.8581, -48.1893,
13.6028


 126.9754,
-66.7214, 20.0834

 53.0529, -43.9864,
12.2927


 141.2323,
-70.1013, 21.3891

 42.9370, -39.5208,
10.9632

 155.9860,
-73.4071, 22.7024

 33.5609, -34.7163,
9.6019

171.2205,
-76.6485, 24.0245

 24.9885, -29.4607,
8.1891

186.9210,

 17.3037, -23.7557,

-79.8334, 25.3561

6.6920

203.0740,
-82.9687, 26.6980

■ 10.6240, -18.5920,
5.8858

■ 0.4768, -0.8344,
0.3338

■ 87.3770, -56.0080,
16.1966

■ 87.3770, -56.0080,
16.1966

■ 86.9132, -58.2648,
18.5152

■ 88.0533, -52.8922,
14.0130


■ 86.6158, -59.8352,
20.9054


■ 88.9661, -48.8482,
12.0117


■ 86.6157, -59.8358,
20.9064

■ 90.1326, -43.8437,
10.2302

■ 91.5639, -37.8804,
8.6992

 93.2664, -30.9882,
7.4420

 95.2418, -23.2190,
6.4741

 97.4883, -14.6407,
5.8039

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



87.3772, -44.7957, 35.2292



87.3770, -56.0080, 16.1966



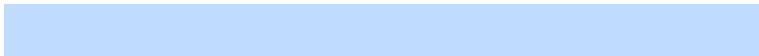
87.3772, -54.9485, -14.3548

Triad

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



87.3772, -56.0070, 16.1959



87.3772, 14.2563, -69.2975



87.3772, 39.7425, 37.3372

Complementary

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



87.3770, -56.0080, 16.1966



49.6893, 74.9803, 15.3307

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.



87.3772, 60.4120, 20.3359



87.3770, -56.0080, 16.1966



87.3772, 44.3343, -43.3388

Square

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



87.3772, -56.0070, 16.1959



87.3772, -17.2386, -71.6410



87.3772, 62.2018, -8.4757



87.3772, 8.6584, 44.2234

Rectangle

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



87.3770, -56.0080, 16.1966



87.3772, -47.4242, -37.8448



87.3772, 62.2018, -8.4757



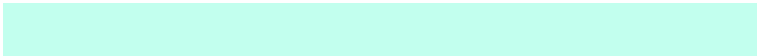
87.3772, 48.3175, 32.9570

Sweetspot

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



87.3772, -56.0070, 16.1959



94.4181, -26.4312, 6.8262



86.6015, -63.6628, 50.1038



43.3600, -13.4984, 3.3215

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3772, -56.0070, 16.1959



86.7225, -59.2585, 19.9510



73.7662, -25.8594, -31.0399



45.1568, -6.5695, 2.6735



62.6319, -43.1233, 14.8065



19.5905, -13.1683, 3.9400

Inverse Universe

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



49.6893, 74.9803, 15.3307



46.9286, 80.3079, 21.3584



54.5171, 55.0407, 31.1492



42.5076, 2.0976, 2.2146



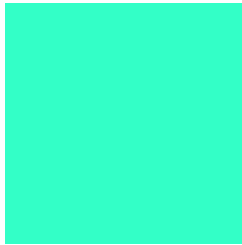
33.7065, 58.4724, 15.9742



10.6004, 18.5502, 3.7744

Previews

White Background



This preview shows how the HunterLab color 87.3770, -56.0080, 16.1966 looks on a white background.

Color Contrast Check

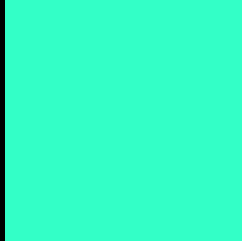
Large Text (above 18pt) WCAG AA × Fail

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 87.3770, -56.0080, 16.1966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

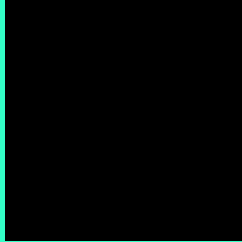
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

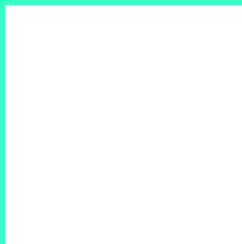
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.3770, -56.0080, 16.1966 Background



This preview shows how black text looks on a background with the HunterLab color 87.3770, -56.0080, 16.1966.



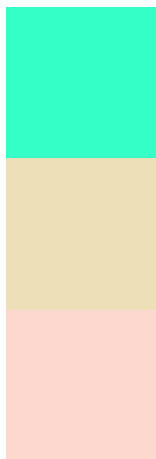
This preview shows how white text looks on a background with the HunterLab color 87.3770, -56.0080, 16.1966.

-56.0080, 16.1966.

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

87.3770, -56.0080, 16.1966

Protanopia

86.4734, -6.3534, 22.0811

Deuteranopia

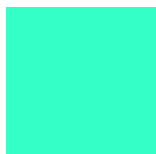
86.2045, 6.4359, 12.6306



Tritanopia

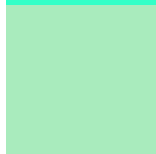
86.9252, -27.0880, -11.4414

Trichromacy



Original Color

87.3770, -56.0080, 16.1966



Protanomaly

84.5729, -31.3794, 17.8126



Deuteranomaly

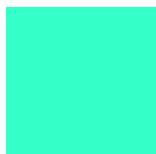
83.9863, -24.1601, 11.0005



Tritanomaly

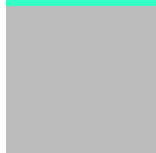
86.4190, -39.2753, -1.3603

Monochromacy



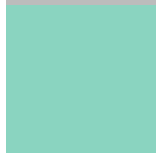
Original Color

87.3770, -56.0080, 16.1966



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

75.0307, -27.7229, 6.3411

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3770, -56.0080, 16.1966 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(51, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 199)  
}
```

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(51, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3770, -56.0080, 16.1966 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(51, 255, 199) }
```


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

```
.border{ border-color:rgb(51, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3770, -56.0080, 16.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 199) }
```

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

```
.background{ background-color: rgb(51, 255,  
199) }
```

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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