

Converting Colors

HunterLab(87.3073, -56.1601,
15.1007)

Have a look what the booklet for
HunterLab(87.3073, -56.1601,
15.1007) contains.

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Color

**HunterLab(87.2975,
-56.2243, 15.2781)**

Conversions

Conversions Part 1

Format	Color
Hex	29FFC9
RGB	41, 255, 201
RGB Percent	16%, 100%, 79%
CMY	0.8392, 0.0000, 0.2118
CMYK	0.84, 0.00, 0.21, 0.00
HSL	165°, 100%, 58%
HSV	165°, 84%, 100%
XYZ	47.2171, 76.2085, 67.4795
YIQ	184.8580, -110.2100, -62.1620

Conversions

Conversions Part 2

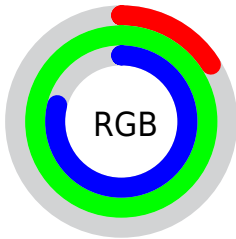
Format	Color
RYB	41, 163, 255
Decimal	2752457
CIELab	89.96, -60.71, 12.17
CIELCh	90, 61.917, 168.669
Yxy	76.2088, 0.2473, 0.3992
Android (android.graphics.Color)	4280942537 (0xFF29FFC9)
YUV	184.8580, 7.9580, -126.1635
Hunter-Lab	87.2975, -56.2243, 15.2781

Details

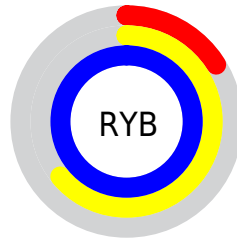
The HunterLab color **87.2975, -56.2243, 15.2781** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **48.6552, 76.6401, 18.1266**, and the grayscale version is **69.5957, -3.7135, 3.7813**.

A 20% lighter version of the original color is **91.2007, -37.4427, -5.9630**, and **64.8376, -43.9992, 13.9404** is the 20% darker color. If you saturate the color by 10%, you get **86.9175, -58.1153, 17.4966**, and if you desaturate by 10%, it is **87.8764, -53.5255, 13.1943**.

Distribution



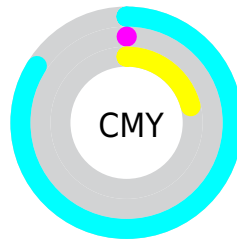
- Red (16%)
- Green (100%)
- Blue (79%)



- Red (16%)
- Yellow (64%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2975, -56.2243, 15.2781 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 87.2975, -56.2243, 15.2781 by changing the saturation by 10% instead.

87.2975, -56.2243,
15.2781

87.2975, -56.2243,
15.2781

219.5592,
-86.4148, 26.7175

75.2355, -52.3795,
14.0409

113.1468,
-63.5082, 17.7594

63.7865, -48.3644,
12.8030

126.8854,
-66.9904, 19.0096

52.9856, -44.1383,
11.5585

141.1390,
-70.3861, 20.2681

42.8743, -39.6472,
10.3002

155.8896,
-73.7070, 21.5360

33.5031, -34.8143,
9.0171

171.1210,
-76.9628, 22.8143

24.9362, -29.5266,
7.6919


186.8185,

17.2573, -23.8101,


-80.1617, 24.1036


6.2951


202.9687,
-83.3104, 25.4045


 10.5846, -18.5231,
5.4509


0.0000, NaN, NaN


 87.2975, -56.2243,
15.2781


 87.2975, -56.2243,
15.2781


 86.9175, -58.1153,
17.4966


 87.8764, -53.5255,
13.1943


 86.7562, -58.9774,
18.8776


 88.6817, -49.9304,
11.2953


 89.7336, -45.3902,
9.6197

 91.0454, -39.8931,
8.1996

 92.6254, -33.4570,
7.0590

 94.4771, -26.1241,
6.2144

 96.6005, -17.9552,
5.6746

 98.9918, -9.0238,
5.4416

 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.



87.2977, -45.4474, 34.7566



87.2975, -56.2243, 15.2781



87.2977, -54.7153, -15.6529

Triad

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



87.2977, -56.2232, 15.2774



87.2977, 15.4686, -68.8335



87.2977, 38.7872, 37.7589

Complementary

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



87.2975, -56.2243, 15.2781



48.6552, 76.6401, 18.1266

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.



87.2977, 60.0497, 21.1765



87.2975, -56.2243, 15.2781



87.2977, 45.3318, -42.1940

Square

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



87.2977, -56.2232, 15.2774



87.2977, -16.1856, -72.1746



87.2977, 62.6007, -7.2732



87.2977, 7.4908, 44.3342

Rectangle

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



87.2975, -56.2243, 15.2781



87.2977, -46.8920, -39.1697



87.2977, 62.6007, -7.2732



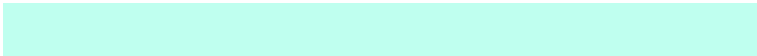
87.2977, 47.5234, 33.5089

Sweetspot

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



87.2977, -56.2232, 15.2774



94.2633, -26.9605, 6.2913



86.1865, -65.4855, 50.5173



43.2999, -13.6958, 3.0374

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.2977, -56.2232, 15.2774



86.7562, -58.9774, 18.8776



71.6853, -23.8227, -34.4938



45.1647, -6.5253, 2.5603



62.7324, -42.5090, 13.3546



19.6196, -12.9912, 3.5214

Inverse Universe

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



48.6552, 76.6401, 18.1266



46.5125, 80.4584, 23.8201



53.7520, 56.6215, 31.7976



42.4997, 2.0550, 2.3275



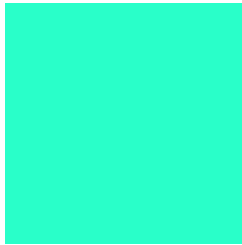
33.6517, 58.2701, 16.7796



10.5797, 18.4741, 4.0762

Previews

White Background



This preview shows how the HunterLab color 87.2975, -56.2243, 15.2781 looks on a white background.

Color Contrast Check

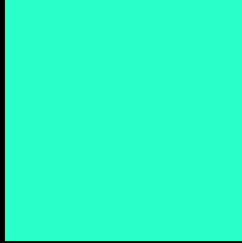
Large Text (above 18pt) WCAG AA × Fail

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 87.2975, -56.2243, 15.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

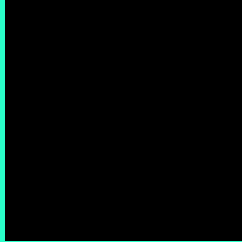
Any Text WCAG AA ✓ Pass

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 87.2975, -56.2243, 15.2781 Background



This preview shows how black text looks on a background with the HunterLab color 87.2975, -56.2243, 15.2781.



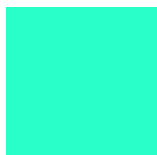
This preview shows how white text looks on a background with the HunterLab color 87.2975, -56.2243, 15.2781.

-56.2243, 15.2781.

Color Blindness Simulation

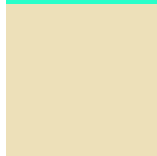
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.2975, -56.2243, 15.2781



Protanopia

86.4978, -6.2196, 21.7291



Deuteranopia

86.1536, 6.3796, 11.6864



Tritanopia

86.8216, -27.4756, -11.5891

Trichromacy



Original Color

87.2975, -56.2243, 15.2781



Protanomaly

84.4306, -31.8167, 16.8555



Deuteranomaly

83.7638, -24.8718, 9.8479



Tritanomaly

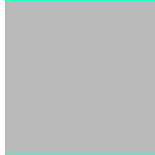
86.2364, -39.9847, -1.5994

Monochromacy



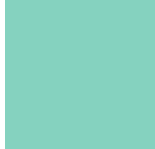
Original Color

87.2975, -56.2243, 15.2781



Achromatopsia

69.6527, -3.7165, 3.7844



Achromatomaly

74.0549, -28.0629, 5.6782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2975, -56.2243, 15.2781 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(41, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(41, 255, 201)  
}
```

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(41, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 255, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2975, -56.2243, 15.2781 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(41, 255, 201) }
```


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

```
.border{ border-color:rgb(41, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(41, 255,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2975, -56.2243, 15.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 255, 201) }
```

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

```
.background{ background-color: rgb(41, 255,  
201) }
```

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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