

Converting Colors

HunterLab(87.4689, -55.4505,
14.8733)

Have a look what the booklet for
HunterLab(87.4689, -55.4505,
14.8733) contains.

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Color

**HunterLab(87.4575,
-55.5199, 15.0382)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFCA
RGB	51, 255, 202
RGB Percent	20%, 100%, 79%
CMY	0.8000, 0.0000, 0.2078
CMYK	0.80, 0.00, 0.21, 0.00
HSL	164°, 100%, 60%
HSV	164°, 80%, 100%
XYZ	47.7860, 76.4881, 68.1222
YIQ	187.9620, -104.5710, -59.7310

Conversions

Conversions Part 2

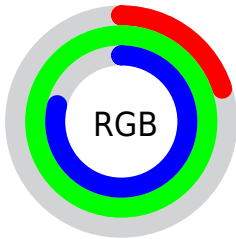
Format	Color
RYB	51, 168, 255
Decimal	3407818
CIELab	90.09, -59.68, 11.85
CIELCh	90, 60.849, 168.771
Yxy	76.4885, 0.2484, 0.3976
Android (android.graphics.Color)	4281597898 (0xFF33FFCA)
YUV	187.9620, 6.9207, -120.1157
Hunter-Lab	87.4575, -55.5199, 15.0382

Details

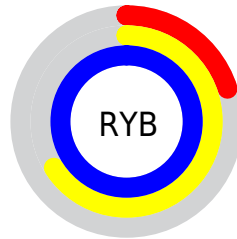
The HunterLab color **87.4575, -55.5199, 15.0382** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.6269, 74.7354, 16.2385**, and the grayscale version is **70.9034, -3.7832, 3.8523**.

A 20% lighter version of the original color is **91.4141, -36.6253, -5.6737**, and **64.8619, -43.8508, 13.5897** is the 20% darker color. If you saturate the color by 10%, you get **87.0003, -57.7347, 17.2606**, and if you desaturate by 10%, it is **88.1263, -52.4523, 12.9640**.

Distribution



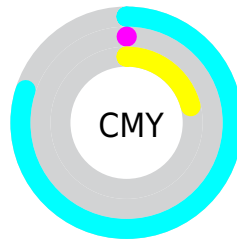
- Red (20%)
- Green (100%)
- Blue (79%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.4575, -55.5199, 15.0382 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 87.4575, -55.5199, 15.0382 by changing the saturation by 10% instead.


 87.4575, -55.5199,
15.0382


 87.4575, -55.5199,
15.0382


219.7767,
-85.2833, 26.3638


 75.3878, -51.7360,
13.8170


 113.3213,
-62.6929, 17.4903


 63.9307, -47.7861,
12.5960


 127.0666,
-66.1239, 18.7269

 53.1211, -43.6307,
11.3698


 141.3267,
-69.4708, 19.9725

 43.0005, -39.2170,
10.1315

 156.0837,
-72.7451, 21.2280

 33.6195, -34.4699,
8.8705

171.3212,
-75.9562, 22.4943

 25.0416, -29.2788,
7.5702

187.0247,

 17.3506, -23.6098,

-79.1120, 23.7720

6.2025

203.1807,
-82.2191, 25.0617

■ 10.6639, -18.6618,
5.3111

■ 0.9738, -1.7041,
0.6816

■ 87.4575, -55.5199,
15.0382

■ 87.4575, -55.5199,
15.0382

■ 87.0003, -57.7347,
17.2606

■ 88.1263, -52.4523,
12.9640

■ 86.7084, -59.2693,
19.5679

■ 89.0307, -48.4621,
11.0847

■ 86.7083, -59.2699,
19.5689

■ 90.1880, -43.5161,
9.4368

■ 91.6094, -37.6152,
8.0497

■ 93.3012, -30.7880,
6.9452

■ 95.2654, -23.0852,
6.1375

■ 97.5003, -14.5739,
5.6334

■ 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.



87.4577, -44.9113, 34.3505



87.4575, -55.5199, 15.0382



87.4577, -53.9862, -15.3826

Triad

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



87.4577, -55.5189, 15.0375



87.4577, 15.2182, -67.1602



87.4577, 37.8925, 37.4207

Complementary

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



87.4575, -55.5199, 15.0382



49.6269, 74.7354, 16.2385

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.



87.4577, 58.7762, 21.0214



87.4575, -55.5199, 15.0382



87.4577, 44.4861, -41.1146

Square

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



87.4577, -55.5189, 15.0375



87.4577, -15.9094, -70.5065



87.4577, 61.3437, -6.9380



87.4577, 7.1647, 43.9572

Rectangle

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



87.4575, -55.5199, 15.0382



87.4577, -46.2282, -38.3876



87.4577, 61.3437, -6.9380



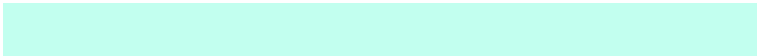
87.4577, 46.4686, 33.2064

Sweetspot

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



87.4577, -55.5189, 15.0375



94.4462, -26.2709, 6.4247



86.4796, -64.1703, 50.0167



43.3749, -13.4133, 3.1095

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4577, -55.5189, 15.0375



86.8130, -58.7062, 18.6452



72.6258, -24.2943, -32.9091



45.1621, -6.5402, 2.5985



62.6982, -42.7182, 13.8492



19.6097, -13.0514, 3.6637

Inverse Universe

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



49.6269, 74.7354, 16.2385



46.8755, 80.1108, 22.1370



55.0898, 53.4916, 31.5104



42.5024, 2.0693, 2.2895



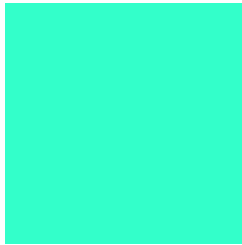
33.6696, 58.3362, 16.5164



10.5865, 18.4992, 3.9767

Previews

White Background



This preview shows how the HunterLab color 87.4575, -55.5199, 15.0382 looks on a white background.

Color Contrast Check

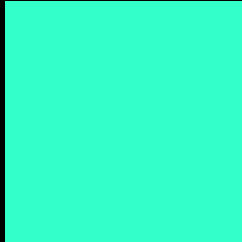
Large Text (above 18pt) WCAG AA × Fail

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 87.4575, -55.5199, 15.0382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

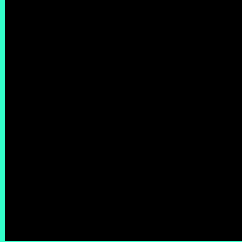
Any Text WCAG AA ✓ Pass

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 87.4575, -55.5199, 15.0382 Background



This preview shows how black text looks on a background with the HunterLab color 87.4575, -55.5199, 15.0382.



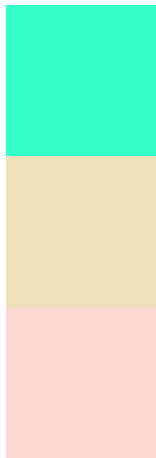
This preview shows how white text looks on a background with the HunterLab color 87.4575,

-55.5199, 15.0382.

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

87.4575, -55.5199, 15.0382

Protanopia

86.5223, -6.0850, 21.3749

Deuteranopia

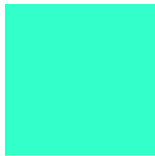
86.4801, 6.0017, 11.5913



Tritanopia

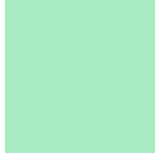
86.9777, -26.8920, -11.3667

Trichromacy



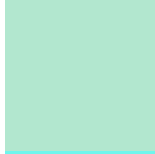
Original Color

87.4575, -55.5199, 15.0382



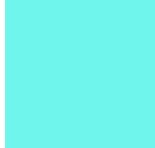
Protanomaly

84.6507, -30.9287, 16.6912



Deuteranomaly

84.3337, -24.4017, 10.0374



Tritanomaly

86.4526, -39.0782, -1.8362

Monochromacy



Original Color

87.4575, -55.5199, 15.0382



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

75.0603, -27.5512, 5.9175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4575, -55.5199, 15.0382 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4575, -55.5199, 15.0382 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, 202) }
```


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

```
.border{ border-color:rgb(51, 255, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4575, -55.5199, 15.0382 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, 202) }
```

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

```
.background{ background-color: rgb(51, 255,  
202) }
```

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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