

Converting Colors

HunterLab(87.3731, -55.5583,
12.5845)

Have a look what the booklet for
HunterLab(87.3731, -55.5583,
12.5845) contains.

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Color

**HunterLab(87.3873,
-55.4733, 12.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	1FFFD0
RGB	31, 255, 208
RGB Percent	12%, 100%, 82%
CMY	0.8784, 0.0000, 0.1843
CMYK	0.88, 0.00, 0.18, 0.00
HSL	167°, 100%, 56%
HSV	167°, 88%, 100%
XYZ	47.7103, 76.3654, 71.8999
YIQ	182.6660, -118.4170, -62.1050

Conversions

Conversions Part 2

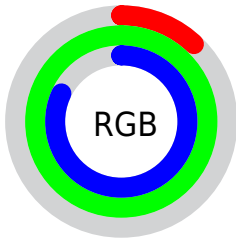
Format	Color
RYB	31, 156, 255
Decimal	2097104
CIELab	90.03, -59.65, 8.65
CIELCh	90, 60.273, 171.753
Yxy	76.3658, 0.2435, 0.3897
Android (android.graphics.Color)	4280287184 (0xFF1FFFD0)
YUV	182.6660, 12.4897, -133.0111
Hunter-Lab	87.3873, -55.4733, 12.3889

Details

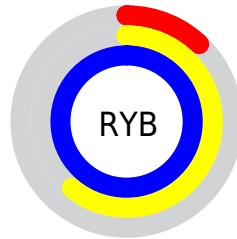
The HunterLab color **87.3873, -55.4733, 12.3889** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **47.7403, 77.6281, 21.8206**, and the grayscale version is **68.6613, -3.6636, 3.7305**.

A 20% lighter version of the original color is **91.0774, -37.9158, -6.1305**, and **65.0120, -42.9361, 11.4273** is the 20% darker color. If you saturate the color by 10%, you get **87.0924, -56.9702, 14.3532**, and if you desaturate by 10%, it is **87.8623, -53.2458, 10.5700**.

Distribution



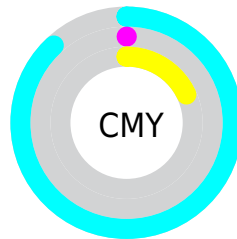
- Red (12%)
- Green (100%)
- Blue (82%)



- Red (12%)
- Yellow (61%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (88%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.3873, -55.4733, 12.3889 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 87.3873, -55.4733, 12.3889 by changing the saturation by 10% instead.


 87.3873, -55.4733,
12.3889


 87.3873, -55.4733,
12.3889


219.6814,
-85.2263, 22.5651


 75.3210, -51.6905,
11.3264


 113.2448,
-62.6439, 14.5480


 63.8675, -47.7417,
10.2742


 126.9872,
-66.0737, 15.6481

 53.0617, -43.5873,
9.2289


 141.2444,
-69.4195, 16.7628

 42.9452, -39.1744,
8.1864

 155.9986,
-72.6926, 17.8923

 33.5684, -34.4279,
7.1404

171.2334,
-75.9025, 19.0372

 24.9953, -29.2369,
6.0806

186.9343,

 17.3097, -23.5751,

-79.0572, 20.1975

4.9888

203.0877,
-82.1632, 21.3734

■ 10.6291, -18.6009,
4.0687

■ 0.5657, -0.9900,
0.3960

■ 87.3873, -55.4733,
12.3889

■ 87.3873, -55.4733,
12.3889

■ 87.0924, -56.9702,
14.3532

■ 87.8623, -53.2458,
10.5700

■ 87.0404, -57.2454,
14.7835

■ 88.5515, -50.1676,
8.9516

■ 89.4779, -46.1721,
7.5732

■ 90.6576, -41.2315,
6.4668

■ 92.1011, -35.3498,
5.6555

■ 93.8139, -28.5571,
5.1549

■ 95.7977, -20.9046,
4.9723

■ 98.0503, -12.4585,
5.1080

■ 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.



87.3875, -46.1283, 32.7293



87.3873, -55.4733, 12.3889



87.3875, -52.7480, -18.5529

Triad

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



87.3875, -55.4722, 12.3883



87.3875, 18.1515, -64.5607



87.3875, 34.6906, 38.2117

Complementary

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



87.3873, -55.4733, 12.3889



47.7403, 77.6281, 21.8206

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.



87.3875, 56.7600, 23.0126



87.3873, -55.4733, 12.3889



87.3875, 46.3360, -37.3167

Square

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



87.3875, -55.4722, 12.3883



87.3875, -12.9234, -70.4453



87.3875, 61.2909, -3.6319



87.3875, 3.9068, 43.9208

Rectangle

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



87.3873, -55.4733, 12.3889



87.3875, -44.2638, -41.1572



87.3875, 61.2909, -3.6319



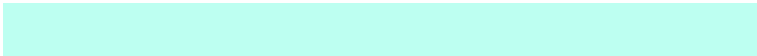
87.3875, 43.5398, 34.3539

Sweetspot

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



87.3875, -55.4722, 12.3883



94.1577, -27.2155, 5.0974



85.6183, -67.9441, 50.6695



43.2650, -13.7516, 2.4126

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3875, -55.4722, 12.3883



87.0404, -57.2454, 14.7835



67.0886, -17.9914, -42.5855



45.1800, -6.4403, 2.3425



62.9357, -41.2709, 10.4279



19.6779, -12.6371, 2.6843

Inverse Universe

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



47.7403, 77.6281, 21.8206



46.3915, 80.0111, 25.6038



54.2682, 54.7996, 32.9813



42.4846, 1.9737, 2.5432



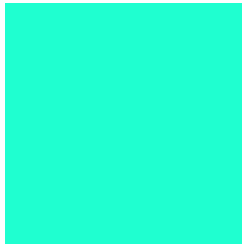
33.5602, 57.9321, 18.1267



10.5436, 18.3411, 4.6044

Previews

White Background



This preview shows how the HunterLab color 87.3873, -55.4733, 12.3889 looks on a white background.

Color Contrast Check

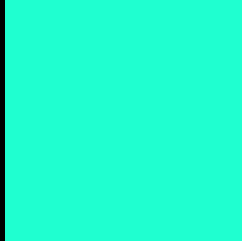
Large Text (above 18pt) WCAG AA × Fail

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 87.3873, -55.4733, 12.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

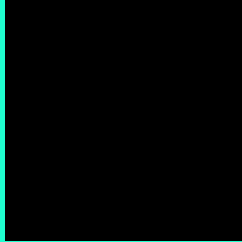
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

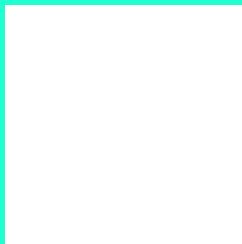
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.3873, -55.4733, 12.3889 Background



This preview shows how black text looks on a background with the HunterLab color 87.3873, -55.4733, 12.3889.



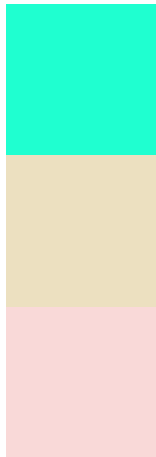
This preview shows how white text looks on a background with the HunterLab color 87.3873, -55.4733, 12.3889.

-55.4733, 12.3889.

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

87.3873, -55.4733, 12.3889

Protanopia

86.5736, -5.6044, 19.0952

Deuteranopia

86.4426, 6.2285, 8.8153



Tritanopia

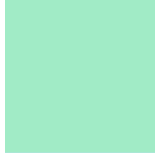
86.8216, -27.4756, -11.5891

Trichromacy



Original Color

87.3873, -55.4733, 12.3889



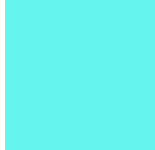
Protanomaly

84.3036, -31.9255, 13.8145



Deuteranomaly

83.9655, -25.4167, 6.8431



Tritanomaly

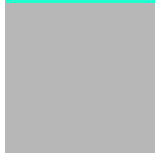
86.1990, -39.9273, -3.2212

Monochromacy



Original Color

87.3873, -55.4733, 12.3889



Achromatopsia

68.8136, -3.6717, 3.7388



Achromatomaly

73.4819, -28.4703, 4.5431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3873, -55.4733, 12.3889 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(31, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(31, 255, 208)  
}
```

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(31, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 255, 208) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3873, -55.4733, 12.3889 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(31, 255, 208) }
```


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

```
.border{ border-color:rgb(31, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(31, 255,  
208) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3873, -55.4733, 12.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 255, 208) }
```

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

```
.background{ background-color: rgb(31, 255,  
208) }
```

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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