

Converting Colors

HunterLab(87.3489, -55.3724,
10.3545)

Have a look what the booklet for
HunterLab(87.3489, -55.3724,
10.3545) contains.

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Color

**HunterLab(87.3347,
-55.4586, 10.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFD4
RGB	0, 255, 212
RGB Percent	0%, 100%, 83%
CMY	0.9998, 0.0000, 0.1686
CMYK	1.00, 0.00, 0.17, 0.00
HSL	170°, 100%, 50%
HSV	170°, 100%, 100%
XYZ	47.6437, 76.2735, 74.4986
YIQ	173.8530, -138.1770, -67.4330

Conversions

Conversions Part 2

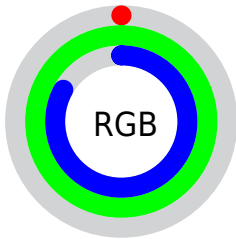
Format	Color
RYB	0, 139, 255
Decimal	65492
CIELab	89.99, -59.65, 6.50
CIELCh	90, 60.004, 173.782
Yxy	76.2739, 0.2401, 0.3844
Android (android.graphics.Color)	4278255572 (0xFF00FFD4)
YUV	173.8530, 18.8065, -152.4691
Hunter-Lab	87.3347, -55.4586, 10.5585

Details

The HunterLab color **87.3347, -55.4586, 10.5585** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.2989, 79.6596, 26.9908**, and the grayscale version is **64.9701, -3.4666, 3.5300**.

A 20% lighter version of the original color is **90.8416, -38.8231, -6.4516**, and **65.0898, -42.4629, 10.3086** is the 20% darker color. If you saturate the color by 10%, you get **87.3345, -55.4598, 10.5613**, and if you desaturate by 10%, it is **87.5827, -54.2020, 8.9009**.

Distribution



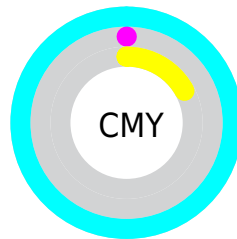
- Red (0%)
- Green (100%)
- Blue (83%)



- Red (0%)
- Yellow (55%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.3347, -55.4586, 10.5585 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 87.3347, -55.4586, 10.5585 by changing the saturation by 10% instead.


 87.3347, -55.4586,
10.5585


 87.3347, -55.4586,
10.5585


219.6098,
-85.2149, 19.9776


 75.2709, -51.6750,
9.5999


 113.1875,
-62.6303, 12.5253


 63.8201, -47.7253,
8.6580


 126.9276,
-66.0606, 13.5356


 53.0172, -43.5699,
7.7308


 141.1827,
-69.4067, 14.5641

 42.9037, -39.1556,
6.8158

 155.9348,
-72.6802, 15.6107

 33.5302, -34.4074,
5.9094

 171.1676,
-75.8904, 16.6754

 24.9607, -29.2141,
5.0051

186.8665,

 17.2791, -23.5561,

-79.0454, 17.7582

4.0914

203.0181,
-82.1517, 18.8590

■ 10.6031, -18.5554,
3.2316

0.0000, NaN, NaN

■ 87.3347, -55.4586,
10.5585

■ 87.3347, -55.4586,
10.5585

■ 87.3345, -55.4598,
10.5613

■ 87.5827, -54.2020,
8.9009

■ 87.9912, -52.2979,
7.3971

■ 88.6060, -49.5752,
6.1108

■ 89.4519, -45.9572,
5.0823

■ 90.5465, -41.4063,
4.3420

■ 91.9016, -35.9171,
3.9116

■ 93.5241, -29.5117,
3.8042

■ 95.4168, -22.2340,
4.0249

■ 97.5785, -14.1450,
4.5713

Harmonies

Analogous

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



87.3349, -46.9533, 31.6150



87.3347, -55.4586, 10.5585



87.3349, -51.9277, -20.7400

Triad

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



87.3349, -55.4575, 10.5579



87.3349, 20.1489, -62.8713



87.3349, 32.5790, 38.7401

Complementary

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



87.3347, -55.4586, 10.5585



46.2989, 79.6596, 26.9908

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.



87.3349, 55.4415, 24.3162



87.3347, -55.4586, 10.5585



87.3349, 47.6069, -34.8409

Square

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



87.3349, -55.4575, 10.5579



87.3349, -10.8986, -70.4442



87.3349, 61.2855, -1.4780



87.3349, 1.7492, 43.9050

Rectangle

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



87.3347, -55.4586, 10.5585



87.3349, -42.9463, -43.0679



87.3349, 61.2855, -1.4780



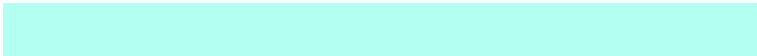
87.3349, 41.6115, 35.1132

Sweetspot

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



87.3349, -55.4575, 10.5579



93.5205, -29.5257, 3.8041



84.9232, -71.0072, 51.0851



42.9353, -14.9596, 1.7626

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3349, -55.4575, 10.5579



87.3345, -55.4598, 10.5613



61.3152, -10.5388, -53.8853



45.1949, -6.3576, 2.1306



63.1457, -39.9963, 7.4139



19.7375, -12.2760, 1.8301

Inverse Universe

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



46.2989, 79.6596, 26.9908



46.2974, 79.6625, 26.9951



52.0703, 60.2833, 33.1391



42.4700, 1.8954, 2.7510



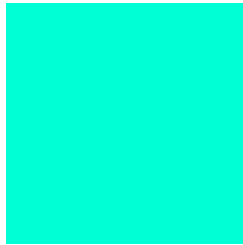
33.4880, 57.6648, 19.1930



10.5129, 18.2281, 5.0538

Previews

White Background



This preview shows how the HunterLab color 87.3347, -55.4586, 10.5585 looks on a white background.

Color Contrast Check

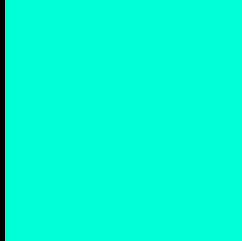
Large Text (above 18pt) WCAG AA × Fail

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 87.3347, -55.4586, 10.5585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

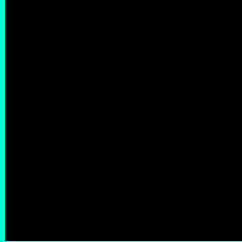
Any Text WCAG AA ✓ Pass

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 87.3347, -55.4586, 10.5585 Background



This preview shows how black text looks on a background with the HunterLab color 87.3347, -55.4586, 10.5585.



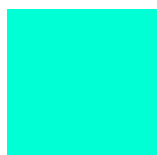
This preview shows how white text looks on a background with the HunterLab color 87.3347,

-55.4586, 10.5585.

Color Blindness Simulation

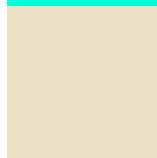
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



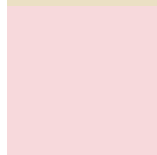
Original Color

87.3347, -55.4586, 10.5585



Protanopia

86.5789, -5.3786, 17.4915



Deuteranopia

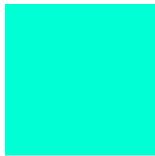
86.3523, 6.1679, 6.8277



Tritanopia

86.8216, -27.4756, -11.5891

Trichromacy



Original Color

87.3347, -55.4586, 10.5585



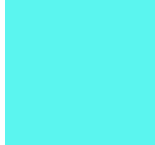
Protanomaly

83.7645, -33.7599, 11.4735



Deuteranomaly

83.2644, -27.7948, 4.0764



Tritanomaly

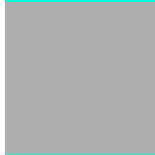
85.8842, -41.0852, -4.1726

Monochromacy



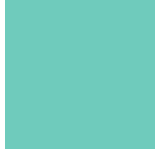
Original Color

87.3347, -55.4586, 10.5585



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

70.5140, -29.7661, 2.9253

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3347, -55.4586, 10.5585 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3347, -55.4586, 10.5585 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, 212) }
```


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

```
.border{ border-color:rgb(0, 255, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3347, -55.4586, 10.5585 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, 212) }
```

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

```
.background{ background-color: rgb(0, 255,  
212) }
```

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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