

Converting Colors

HunterLab(80.5192, -72.7375,
8.5235)

Have a look what the booklet for
HunterLab(80.5192, -72.7375,
8.5235) contains.

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Color

**HunterLab(84.7791,
-55.3341, 13.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	00F9C7
RGB	0, 249, 199
RGB Percent	0%, 98%, 78%
CMY	0.9998, 0.0235, 0.2196
CMYK	1.00, 0.00, 0.20, 0.02
HSL	168°, 100%, 49%
HSV	168°, 100%, 98%
XYZ	44.1846, 71.8750, 65.5774
YIQ	168.8490, -132.3540, -68.3380

Conversions

Conversions Part 2

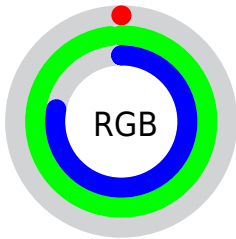
Format	Color
RYB	0, 138, 249
Decimal	63943
CIELab	87.91, -60.55, 10.25
CIELCh	88, 61.413, 170.389
Yxy	71.8777, 0.2433, 0.3957
Android (android.graphics.Color)	4278254023 (0xFF00F9C7)
YUV	168.8490, 14.8644, -148.0806
Hunter-Lab	84.7791, -55.3341, 13.4840

Details

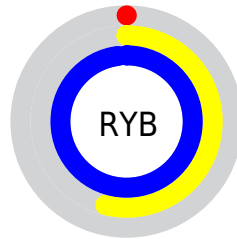
The HunterLab color **84.7791, -55.3341, 13.4840** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **45.1355, 77.8015, 25.2034**, and the grayscale version is **62.9126, -3.3569, 3.4182**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **62.6944, -42.1195, 12.5612** is the 20% darker color. If you saturate the color by 10%, you get **84.7803, -55.3368, 13.4882**, and if you desaturate by 10%, it is **85.0409, -53.9978, 11.6266**.

Distribution



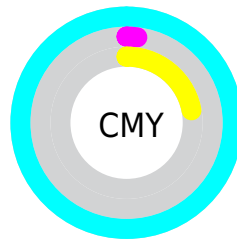
- Red (0%)
- Green (98%)
- Blue (78%)



- Red (0%)
- Yellow (54%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)





- Cyan (100%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.7791, -55.3341, 13.4840 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 84.7791, -55.3341, 13.4840 by changing the saturation by 10% instead.


 84.7791, -55.3341,
13.4840


 84.7791, -55.3341,
13.4840


216.1287,
-85.6030, 24.2125


 72.8415, -51.4677,
12.3451


 110.4005,
-62.6523, 15.7870


 61.5221, -47.4229,
11.2093


 124.0312,
-66.1461, 16.9529

 50.8587, -43.1582,
10.0735


 138.1809,
-69.5509, 18.1303

 40.8943, -38.6160,
8.9315

 152.8312,
-72.8791, 19.3200

 31.6821, -33.7136,
7.7742

 167.9655,
-76.1407, 20.5227

 23.2892, -28.3281,
6.5866


183.5688,

 15.8052, -23.0698,


-79.3441, 21.7388


5.3423


199.6273,
-82.4962, 22.9687


 9.3576, -16.3759,
5.0515


0.0000, NaN, NaN


 84.7791, -55.3341,
13.4840


 84.7791, -55.3341,
13.4840

 84.7803, -55.3368,
13.4882

 85.0409, -53.9978,
11.6266

 85.4586, -52.0215,
9.8962

 86.0783, -49.2396,
8.3568

 86.9240, -45.5796,
7.0490

■ 88.0125, -41.0070,
6.0046

■ 89.3550, -35.5191,
5.2472

■ 90.9580, -29.1395,
4.7925

■ 92.8238, -21.9135,
4.6484

■ 94.9512, -13.9021,
4.8158

Harmonies

Analogous

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



84.7807, -45.4652, 33.2292



84.7791, -55.3341, 13.4840



84.7807, -53.1668, -17.4292

Triad

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



84.7807, -55.3346, 13.4849



84.7807, 17.0856, -66.9124



84.7807, 36.5902, 37.5332

Complementary

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



84.7791, -55.3341, 13.4840



45.1355, 77.8015, 25.2034

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.



84.7807, 58.3670, 21.9753



84.7791, -55.3341, 13.4840



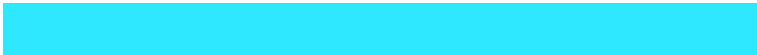
84.7807, 46.0389, -39.6859

Square

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



84.7807, -55.3346, 13.4849



84.7807, -14.1828, -71.7499



84.7807, 62.0519, -5.3309



84.7807, 5.5787, 43.4667

Rectangle

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



84.7791, -55.3341, 13.4840



84.7807, -45.0520, -40.5570



84.7807, 62.0519, -5.3309



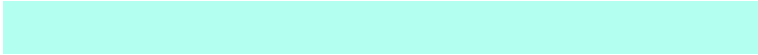
84.7807, 45.4089, 33.5848

Sweetspot

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



84.7807, -55.3346, 13.4849



93.4419, -29.9775, 4.9257



82.7876, -68.5564, 49.8122



42.8939, -15.1986, 2.3525

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.7807, -55.3346, 13.4849



87.1030, -56.8647, 13.8834



62.3430, -14.2906, -47.0714



44.2101, -6.2761, 2.2471



62.0437, -40.3831, 9.6263



18.9205, -12.0548, 2.3739

Inverse Universe

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



45.1355, 77.8015, 25.2034



46.3691, 79.9280, 25.9351



49.5926, 61.8488, 31.6399



41.5719, 1.9055, 2.5325



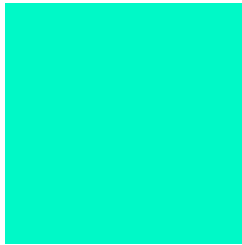
33.0451, 57.0122, 18.0855



10.1278, 17.6134, 4.4576

Previews

White Background



This preview shows how the HunterLab color 84.7791, -55.3341, 13.4840 looks on a white background.

Color Contrast Check

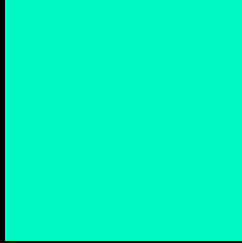
Large Text (above 18pt) WCAG AA × Fail

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 84.7791, -55.3341, 13.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

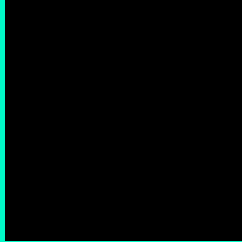
Any Text WCAG AA ✓ Pass

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 84.7791, -55.3341, 13.4840 Background



This preview shows how black text looks on a background with the HunterLab color 84.7791, -55.3341, 13.4840.



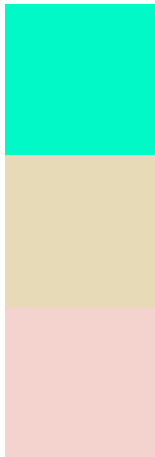
This preview shows how white text looks on a background with the HunterLab color 84.7791, -55.3341, 13.4840.

-55.3341, 13.4840.

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

84.7791, -55.3341, 13.4840

Protanopia

83.8956, -5.8570, 19.9330

Deuteranopia

83.8610, 6.2096, 10.0480



Tritanopia

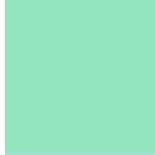
84.6664, -32.0954, -14.6425

Trichromacy



Original Color

84.7791, -55.3341, 13.4840



Protanomaly

81.1318, -34.0456, 14.2140



Deuteranomaly

80.7333, -27.7672, 7.3078



Tritanomaly

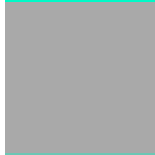
84.1454, -42.7296, -4.2787

Monochromacy



Original Color

84.7791, -55.3341, 13.4840



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

68.4628, -29.5556, 4.2744

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.7791, -55.3341, 13.4840 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, 249, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 249, 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(0, 249, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 249, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 84.7791, -55.3341, 13.4840 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, 249, 199) }
```


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

```
.border{ border-color:rgb(0, 249, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 249, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 249, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 249, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 249,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.7791, -55.3341, 13.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 249, 199) }
```

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

```
.background{ background-color: rgb(0, 249,  
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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