

Converting Colors

HunterLab(80.6645, -44.9346,
0.3635)

Have a look what the booklet for
HunterLab(80.6645, -44.9346,
0.3635) contains.

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Color

**HunterLab(80.6740,
-44.8525, 0.1779)**

Conversions

Conversions Part 1

Format	Color
Hex	2FEBDA
RGB	47, 235, 218
RGB Percent	18%, 92%, 85%
CMY	0.8156, 0.0784, 0.1451
CMYK	0.80, 0.00, 0.07, 0.08
HSL	175°, 82%, 55%
HSV	175°, 80%, 92%
XYZ	43.5355, 65.0829, 76.5973
YIQ	176.8500, -106.5910, -45.1430

Conversions

Conversions Part 2

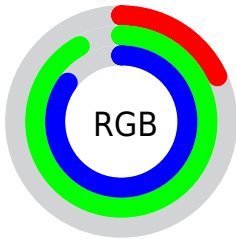
Format	Color
RYB	47, 145, 235
Decimal	3140570
CIELab	84.53, -47.88, -4.55
CIELCh	85, 48.096, 185.431
Yxy	65.0854, 0.2351, 0.3514
Android (android.graphics.Color)	4281330650 (0xFF2FEBDA)
YUV	176.8500, 20.2870, -113.8785
Hunter-Lab	80.6740, -44.8525, 0.1779

Details

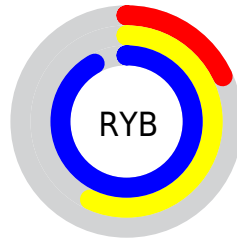
The HunterLab color **80.6740, -44.8525, 0.1779** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **44.7965, 65.8719, 22.3336**, and the grayscale version is **66.1969, -3.5321, 3.5966**.

A 20% lighter version of the original color is **91.2425, -37.2821, -5.9062**, and **58.7240, -34.2802, 0.6011** is the 20% darker color. If you saturate the color by 10%, you get **80.3483, -46.2963, 0.8226**, and if you desaturate by 10%, it is **81.1875, -42.6841, -0.2321**.

Distribution



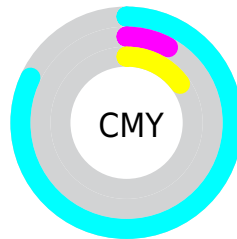
- Red (18%)
- Green (92%)
- Blue (85%)



- Red (18%)
- Yellow (57%)
- Blue (92%)



- Cyan (80%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)





- Cyan (82%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.6740, -44.8525, 0.1779 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 80.6740, -44.8525, 0.1779 by changing the saturation by 10% instead.


 80.6740, -44.8525,
0.1779


 80.6740, -44.8525,
0.1779


210.4991,
-70.1362, 5.7298


 68.9423, -41.6720,
-0.2563


 105.9116,
-50.9004, 1.1724

 57.8404, -38.3544,
-0.6463


 119.3623,
-53.8018, 1.7258

 47.4081, -34.8650,
-0.9870


 133.3387,
-56.6385, 2.3143

 37.6916, -31.1542,
-1.2736

 147.8216,
-59.4203, 2.9361

 28.7480, -27.1494,
-1.4992

162.7939,
-62.1550, 3.5898

 20.6510, -22.7372,
-1.6550

178.2401,

 13.5007, -18.8688,

-64.8490, 4.2741

-1.7278

194.1462,
-67.5079, 4.9877

■ 7.0799, -12.3898,
-2.2799

0.0000, NaN, NaN

■ 80.6740, -44.8525,
0.1779

■ 80.6740, -44.8525,
0.1779

■ 80.3483, -46.2963,
0.8226

■ 81.1875, -42.6841,
-0.2321


■ 80.1630, -47.1746,
1.6403


■ 81.9064, -39.7193,
-0.3785


■ 80.1629, -47.1751,
1.6408


■ 82.8485, -35.9207,
-0.2384


■ 84.0247, -31.2792,
0.2013

 85.4416, -25.8099,
0.9456

 87.1021, -19.5478,
1.9921

 89.0058, -12.5436,
3.3325

 91.1494, -4.8589,
4.9533

 93.1669, 2.2142,
6.3967

Harmonies

Analogous

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



80.6755, -41.7164, 20.4185



80.6740, -44.8525, 0.1779



80.6755, -38.1885, -25.0038

Triad

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



80.6755, -44.8528, 0.1789



80.6755, 23.8501, -39.5257



80.6755, 15.5295, 34.7085

Complementary

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



80.6740, -44.8525, 0.1779



44.7965, 65.8719, 22.3336

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.



80.6755, 36.2880, 25.6997



80.6740, -44.8525, 0.1779



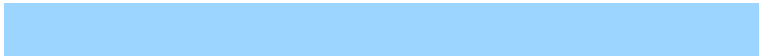
80.6755, 41.4672, -15.7955

Square

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



80.6755, -44.8528, 0.1789



80.6755, 0.0505, -51.7917



80.6755, 46.2621, 8.3883



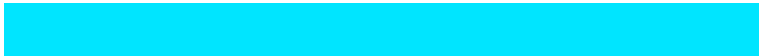
80.6755, -8.5778, 36.7279

Rectangle

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



80.6740, -44.8525, 0.1779



80.6755, -28.5749, -40.0896



80.6755, 46.2621, 8.3883



80.6755, 23.2143, 32.5567

Sweetspot

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



80.6755, -44.8528, 0.1789



94.7795, -24.3734, 1.6738



77.9588, -62.1124, 44.9040



43.5517, -12.4015, 0.5891

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.6755, -44.8528, 0.1789



88.0119, -51.4467, 1.4696



56.2833, -7.4547, -48.2479



41.3485, -5.6392, 1.5829



59.8105, -35.1428, 1.1054



16.7807, -9.7243, 0.0176

Inverse Universe

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



44.7965, 65.8719, 22.3336



46.4624, 78.5720, 28.2306



56.4259, 33.3627, 32.5260



38.8280, 1.5641, 2.8679



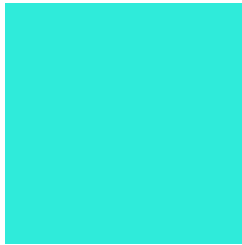
31.4139, 53.9200, 19.3479



8.8458, 15.2688, 4.7859

Previews

White Background



This preview shows how the HunterLab color 80.6740, -44.8525, 0.1779 looks on a white background.

Color Contrast Check

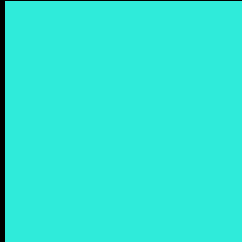
Large Text (above 18pt) WCAG AA × Fail

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 80.6740, -44.8525, 0.1779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

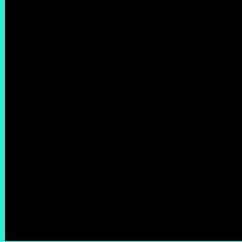
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

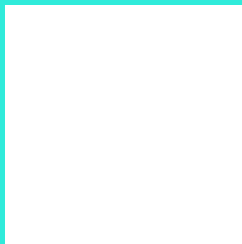
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.6740, -44.8525, 0.1779 Background



This preview shows how black text looks on a background with the HunterLab color 80.6740, -44.8525, 0.1779.



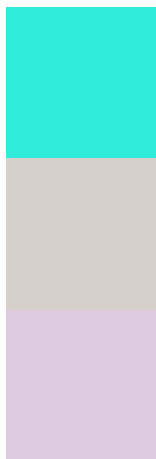
This preview shows how white text looks on a background with the HunterLab color 80.6740,

-44.8525, 0.1779.

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

80.6740, -44.8525, 0.1779

Protanopia

79.8246, -3.1381, 7.1671

Deuteranopia

79.7983, 5.9090, -3.6521



Tritanopia

80.4815, -34.3963, -17.0339

Trichromacy



Original Color

80.6740, -44.8525, 0.1779



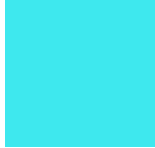
Protanomaly

78.4023, -24.2936, 2.7583



Deuteranomaly

78.1946, -19.0821, -4.5506



Tritanomaly

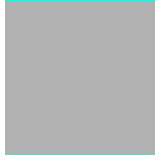
80.5670, -38.4659, -10.5553

Monochromacy



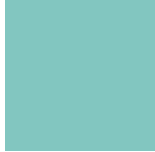
Original Color

80.6740, -44.8525, 0.1779



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

69.9570, -23.1318, 0.4370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6740, -44.8525, 0.1779 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(47, 235, 218)` looks like.

```
.text, #text, p{  
    color:rgb(47, 235, 218)  
}
```

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(47, 235, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 235, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6740, -44.8525, 0.1779 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(47, 235, 218) }
```


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

```
.border{ border-color:rgb(47, 235, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 235, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 235, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 235, 218);  
box-shadow:4px 4px 4px 4px rgb(47, 235,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6740, -44.8525, 0.1779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 235, 218) }
```

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

```
.background{ background-color: rgb(47, 235,  
218) }
```

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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