

Converting Colors

HunterLab(79.4033, -44.2258,
-3.7763)

Have a look what the booklet for
HunterLab(79.4033, -44.2258,
-3.7763) contains.

HunterLab(79.3983, -44.1290, -3.9792)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(79.3983,
-44.1290, -3.9792)**

Conversions

Conversions Part 1

Format	Color
Hex	00E8DF
RGB	0, 232, 223
RGB Percent	0%, 91%, 87%
CMY	0.9998, 0.0902, 0.1255
CMYK	1.00, 0.00, 0.04, 0.09
HSL	178°, 100%, 46%
HSV	178°, 100%, 91%
XYZ	42.1759, 63.0409, 79.7572
YIQ	161.6060, -135.3830, -51.9830

Conversions

Conversions Part 2

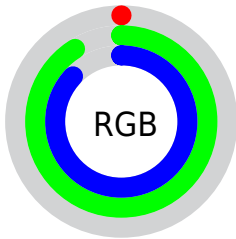
Format	Color
RYB	0, 118, 232
Decimal	59615
CIELab	83.47, -47.35, -8.80
CIELCh	83, 48.165, 190.524
Yxy	63.0433, 0.2280, 0.3408
Android (android.graphics.Color)	4278249695 (0xFF00E8DF)
YUV	161.6060, 30.2672, -141.7285
Hunter-Lab	79.3983, -44.1290, -3.9792

Details

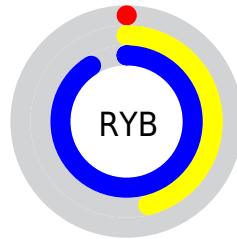
The HunterLab color **79.3983, -44.1290, -3.9792** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.4456, 71.0174, 26.4098**, and the grayscale version is **59.8747, -3.1948, 3.2531**.

A 20% lighter version of the original color is **90.7289, -39.2573, -6.6053**, and **57.8680, -32.1805, -2.8615** is the 20% darker color. If you saturate the color by 10%, you get **79.3995, -44.1305, -3.9775**, and if you desaturate by 10%, it is **79.5467, -43.4837, -4.2557**.

Distribution



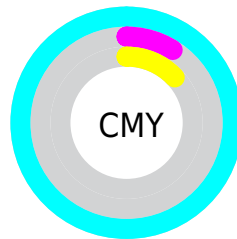
- Red (0%)
- Green (91%)
- Blue (87%)



- Red (0%)
- Yellow (46%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)





- Cyan (100%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.3983, -44.1290, -3.9792 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 79.3983, -44.1290, -3.9792 by changing the saturation by 10% instead.


 79.3983, -44.1290,
-3.9792


 79.3983, -44.1290,
-3.9792


208.7406,
-69.2522, 0.1791


 67.7320, -40.9657,
-4.2294


 104.5141,
-50.1408, -3.3308


 56.6993, -37.6644,
-4.4271


 117.9077,
-53.0240, -2.9412


 46.3408, -34.1895,
-4.5660


 131.8292,
-55.8427, -2.5111

 36.7034, -30.4903,
-4.6399

 146.2591,
-58.6065, -2.0427

 27.8459, -26.4918,
-4.6409

 161.1802,
-61.3233, -1.5379

 19.8442, -22.0760,
-4.5589

176.5768,

 12.8019, -18.7665,

-63.9997, -0.9983

-4.3831

192.4346,
-66.6411, -0.4256

■ 6.1936, -10.8389,
-5.5662

0.0000, NaN, NaN

■ 79.3983, -44.1290,
-3.9792

■ 79.3983, -44.1290,
-3.9792

■ 79.3995, -44.1305,
-3.9775

■ 79.5467, -43.4837,
-4.2557

■ 79.8324, -42.2902,
-4.3474

■ 80.2989, -40.3899,
-4.1961

■ 80.9685, -37.7109,
-3.7733

■ 81.8571, -34.2136,
-3.0612

■ 82.9760, -29.8857,
-2.0508

■ 84.3318, -24.7390,
-0.7416

■ 85.9279, -18.8049,
0.8599

■ 87.7640, -12.1308,
2.7414

Harmonies

Analogous

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



79.3998, -42.6705, 17.4150



79.3983, -44.1290, -3.9792



79.3998, -35.8882, -29.1735

Triad

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



79.3998, -44.1291, -3.9782



79.3998, 27.4652, -36.0144



79.3998, 11.4702, 35.2095

Complementary

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



79.3983, -44.1290, -3.9792



41.4456, 71.0174, 26.4098

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.



79.3998, 33.3007, 27.5749



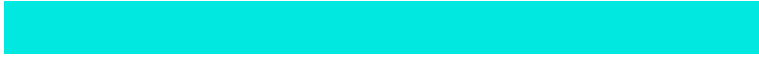
79.3983, -44.1290, -3.9792



79.3998, 43.2559, -11.4679

Square

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



79.3998, -44.1291, -3.9782



79.3998, 4.2231, -50.9445



79.3998, 45.5081, 11.8127



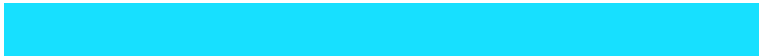
79.3998, -12.3644, 36.1381

Rectangle

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



79.3983, -44.1290, -3.9792



79.3998, -25.3684, -43.2188



79.3998, 45.5081, 11.8127



79.3998, 19.3565, 33.4766

Sweetspot

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



79.3998, -44.1291, -3.9782



93.8480, -27.6493, -0.8545



76.0203, -64.9310, 45.7054



43.1083, -13.9627, -0.6986

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.3998, -44.1291, -3.9782



88.3849, -49.1361, -4.4027



46.0085, 5.7592, -69.9347



40.4057, -5.4077, 1.3097



59.1627, -32.8578, -3.0178



16.0922, -8.8757, -0.9538

Inverse Universe

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



41.4456, 71.0174, 26.4098



46.1321, 79.0496, 29.4450



52.1001, 39.9551, 32.8015



37.9170, 1.4332, 3.0266



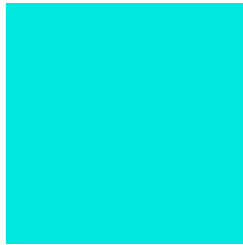
30.8859, 52.9423, 19.5767



8.4151, 14.4627, 5.0381

Previews

White Background



This preview shows how the HunterLab color 79.3983, -44.1290, -3.9792 looks on a white background.

Color Contrast Check

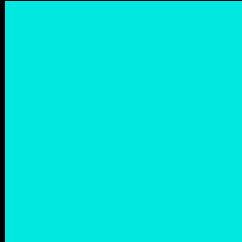
Large Text (above 18pt) WCAG AA × Fail

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 79.3983, -44.1290, -3.9792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

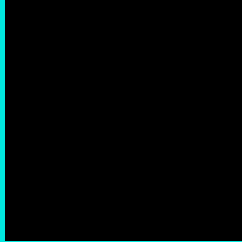
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

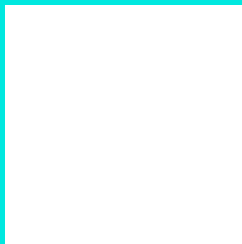
Any Text WCAG AAA ✓ Pass

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

HunterLab 79.3983, -44.1290, -3.9792 Background



This preview shows how black text looks on a background with the HunterLab color 79.3983, -44.1290, -3.9792.



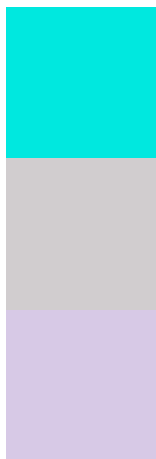
This preview shows how white text looks on a background with the HunterLab color 79.3983,

-44.1290, -3.9792.

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

79.3983, -44.1290, -3.9792

Protanopia

78.5640, -2.5547, 3.8166

Deuteranopia

78.6979, 5.6132, -7.8093



Tritanopia

79.2971, -35.5664, -17.5540

Trichromacy



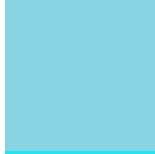
Original Color

79.3983, -44.1290, -3.9792



Protanomaly

76.4143, -26.3099, -2.2180



Deuteranomaly

76.1258, -21.3141, -10.0656



Tritanomaly

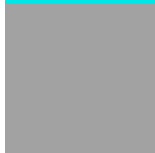
79.0688, -38.9317, -12.6146

Monochromacy



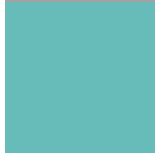
Original Color

79.3983, -44.1290, -3.9792



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

64.7185, -24.9554, -2.1013

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.3983, -44.1290, -3.9792 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, 232, 223)` looks like.

```
.text, #text, p{  
  color:rgb(0, 232, 223)  
}
```

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, 232, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 232, 223) }
```

Border

The CSS property to change the border of an element to HunterLab 79.3983, -44.1290, -3.9792 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, 232, 223) }
```


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

```
.border{ border-color:rgb(0, 232, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 232, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 232, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 232, 223);  
box-shadow:4px 4px 4px 4px rgb(0, 232,  
223) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.3983, -44.1290, -3.9792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 232, 223) }
```

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

```
.background{ background-color: rgb(0, 232,  
223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor