

Converting Colors

HunterLab(79.9592, -47.3710,
2.3183)

Have a look what the booklet for
HunterLab(79.9592, -47.3710,
2.3183) contains.

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Color

**HunterLab(80.1063,
-47.5069, 2.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	00EBD4
RGB	0, 235, 212
RGB Percent	0%, 92%, 83%
CMY	0.9998, 0.0784, 0.1686
CMYK	1.00, 0.00, 0.10, 0.08
HSL	174°, 100%, 46%
HSV	174°, 100%, 92%
XYZ	41.5921, 64.1702, 72.4814
YIQ	162.1130, -132.6770, -56.9730

Conversions

Conversions Part 2

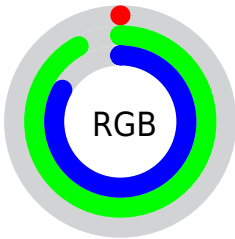
Format	Color
RYB	0, 124, 235
Decimal	60372
CIELab	84.06, -51.67, -2.12
CIELCh	84, 51.711, 182.351
Yxy	64.1726, 0.2333, 0.3600
Android (android.graphics.Color)	4278250452 (0xFF00EBD4)
YUV	162.1130, 24.5943, -142.1731
Hunter-Lab	80.1063, -47.5069, 2.4279

Details

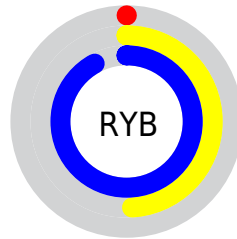
The HunterLab color **80.1063, -47.5069, 2.4279** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.1022, 72.2420, 26.0625**, and the grayscale version is **60.1038, -3.2070, 3.2656**.

A 20% lighter version of the original color is **90.6922, -39.3992, -6.6555**, and **58.5742, -35.1816, 2.7342** is the 20% darker color. If you saturate the color by 10%, you get **80.1075, -47.5090, 2.4308**, and if you desaturate by 10%, it is **80.2982, -46.5976, 1.5398**.

Distribution



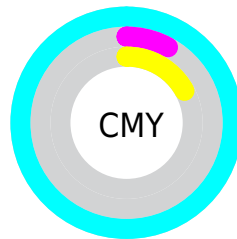
- Red (0%)
- Green (92%)
- Blue (83%)



- Red (0%)
- Yellow (49%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)





- Cyan (100%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.1063, -47.5069, 2.4279 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 80.1063, -47.5069, 2.4279 by changing the saturation by 10% instead.


 80.1063, -47.5069,
2.4279


 80.1063, -47.5069,
2.4279


209.7171,
-74.3662, 8.7687

 68.4036, -44.1004,
1.8883


 105.2898,
-53.9656, 3.6196


 57.3324, -40.5394,
1.3876


 118.7152,
-57.0559, 4.2659

 46.9329, -36.7851,
0.9299


 132.6672,
-60.0725, 4.9441

 37.2514, -32.7823,
0.5189

 147.1266,
-63.0262, 5.6526

 28.3460, -28.4503,
0.1599

 162.0762,
-65.9257, 6.3904

 20.2912, -23.6638,
-0.1402

177.5004,

 13.1887, -20.1340,

-68.7783, 7.1562

-0.3713

193.3850,
-71.5901, 7.9493

■ 6.7006, -11.7260,
-0.9478

0.0000, NaN, NaN

■ 80.1063, -47.5069,
2.4279

■ 80.1063, -47.5069,
2.4279

■ 80.1075, -47.5090,
2.4308

■ 80.2982, -46.5976,
1.5398

■ 80.6309, -45.1210,
0.8222

■ 81.1486, -42.9177,
0.3348

■ 81.8734, -39.9170,
0.1099

■ 82.8215, -36.0820,
0.1697

■ 84.0039, -31.4040,
0.5280

■ 85.4270, -25.8985,
1.1905

■ 87.0937, -19.6012,
2.1554

■ 89.0035, -12.5630,
3.4148

Harmonies

Analogous

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



80.1078, -43.1474, 23.0786



80.1063, -47.5069, 2.4279



80.1078, -41.5362, -24.7304

Triad

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



80.1078, -47.5072, 2.4288



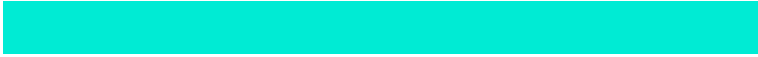
80.1078, 23.5962, -45.7151



80.1078, 19.6933, 35.5854

Complementary

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



80.1063, -47.5069, 2.4279



42.1022, 72.2420, 26.0625

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.



80.1078, 41.3455, 25.4679



80.1063, -47.5069, 2.4279



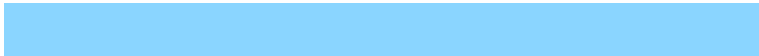
80.1078, 43.7892, -20.3615

Square

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



80.1078, -47.5072, 2.4288



80.1078, -2.2629, -57.4124



80.1078, 50.6537, 6.2452



80.1078, -6.2746, 38.2995

Rectangle

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



80.1063, -47.5069, 2.4279



80.1078, -32.0066, -41.8921



80.1078, 50.6537, 6.2452



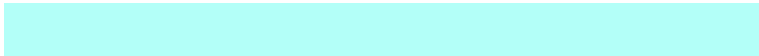
80.1078, 27.8233, 33.1345

Sweetspot

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



80.1078, -47.5072, 2.4288



93.6970, -28.5139, 1.2923



77.2059, -65.5755, 46.4248



43.0284, -14.4229, 0.4376

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.1078, -47.5072, 2.4288



87.8835, -52.1440, 2.7171



50.0551, -0.1394, -62.2600



41.3461, -5.6529, 1.6181



59.7696, -35.3882, 1.6862



16.7708, -9.7840, 0.1589

Inverse Universe

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



42.1022, 72.2420, 26.0625



46.1844, 79.2439, 28.6678



50.6695, 46.1398, 32.0284



38.8304, 1.5768, 2.8341



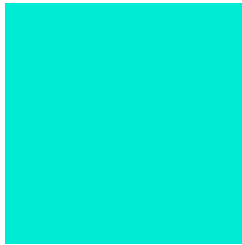
31.4207, 53.9450, 19.2480



8.8508, 15.2870, 4.7130

Previews

White Background



This preview shows how the HunterLab color 80.1063, -47.5069, 2.4279 looks on a white background.

Color Contrast Check

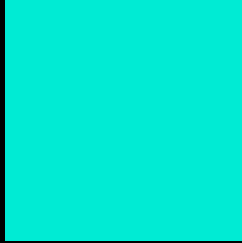
Large Text (above 18pt) WCAG AA × Fail

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 80.1063, -47.5069, 2.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

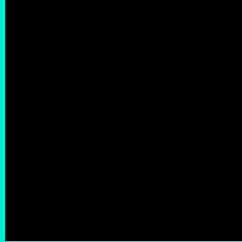
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

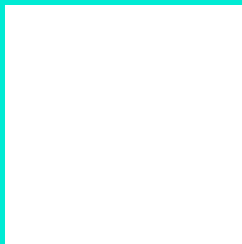
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.1063, -47.5069, 2.4279 Background



This preview shows how black text looks on a background with the HunterLab color 80.1063, -47.5069, 2.4279.



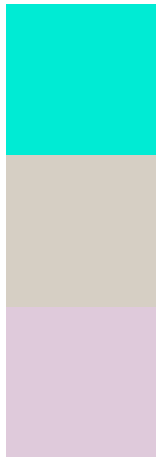
This preview shows how white text looks on a background with the HunterLab color 80.1063,

-47.5069, 2.4279.

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

80.1063, -47.5069, 2.4279

Protanopia

79.3141, -3.7486, 9.7677

Deuteranopia

79.3999, 5.6895, -1.0185



Tritanopia

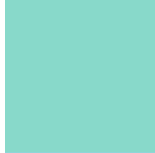
80.1877, -35.6080, -16.8750

Trichromacy



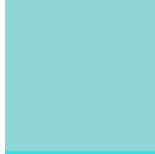
Original Color

80.1063, -47.5069, 2.4279



Protanomaly

76.8923, -28.6419, 3.7936



Deuteranomaly

76.6823, -23.3995, -3.3892



Tritanomaly

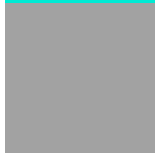
80.0771, -40.6026, -9.5620

Monochromacy



Original Color

80.1063, -47.5069, 2.4279



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

65.2488, -26.5633, 0.5043

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1063, -47.5069, 2.4279 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, 235, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 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, 235, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1063, -47.5069, 2.4279 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, 235, 212) }
```


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

```
.border{ border-color:rgb(0, 235, 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, 235, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 235,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1063, -47.5069, 2.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 212) }
```

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

```
.background{ background-color: rgb(0, 235,  
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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