

Converting Colors

HunterLab(78.2136, -51.4020,
13.2021)

Have a look what the booklet for
HunterLab(78.2136, -51.4020,
13.2021) contains.

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Color

**HunterLab(78.1870,
-51.4348, 13.3059)**

Conversions

Conversions Part 1

Format	Color
Hex	00E8B7
RGB	0, 232, 183
RGB Percent	0%, 91%, 72%
CMY	0.9999, 0.0902, 0.2823
CMYK	1.00, 0.00, 0.21, 0.09
HSL	167°, 100%, 45%
HSV	167°, 100%, 91%
XYZ	37.4038, 61.1321, 54.6280
YIQ	157.0460, -122.5430, -64.4230

Conversions

Conversions Part 2

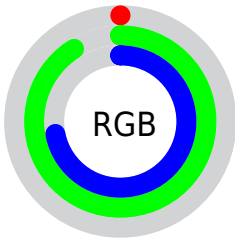
Format	Color
RYB	0, 130, 232
Decimal	59575
CIELab	82.45, -57.95, 10.82
CIELCh	82, 58.948, 169.423
Yxy	61.1344, 0.2442, 0.3991
Android (android.graphics.Color)	4278249655 (0xFF00E8B7)
YUV	157.0460, 12.7953, -137.7293
Hunter-Lab	78.1870, -51.4348, 13.3059

Details

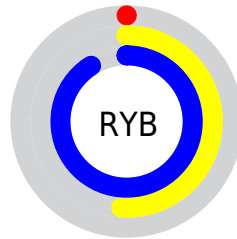
The HunterLab color **78.1870, -51.4348, 13.3059** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **41.6883, 71.9207, 22.8091**, and the grayscale version is **58.0749, -3.0987, 3.1553**.

A 20% lighter version of the original color is **90.0372, -43.0345, 0.9527**, and **56.8081, -38.5845, 12.2877** is the 20% darker color. If you saturate the color by 10%, you get **78.1882, -51.4370, 13.3092**, and if you desaturate by 10%, it is **78.4390, -50.1496, 11.5351**.

Distribution



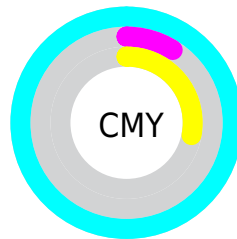
- Red (0%)
- Green (91%)
- Blue (72%)



- Red (0%)
- Yellow (51%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.1870, -51.4348, 13.3059 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 78.1870, -51.4348, 13.3059 by changing the saturation by 10% instead.

■ 78.1870, -51.4348,
13.3059

■ 78.1870, -51.4348,
13.3059

207.0668,
-81.0074, 24.1865

■ 66.5835, -47.6323,
12.1400

■ 103.1860,
-58.6086, 15.6537

■ 55.6174, -43.6419,
10.9733

■ 116.5250,
-62.0256, 16.8388

■ 45.3297, -39.4166,
9.8009

■ 130.3938,
-65.3521, 18.0338

■ 35.7685, -34.8900,
8.6148

■ 144.7730,
-68.6011, 19.2397

■ 26.9940, -29.9645,
7.4018

■ 159.6450,
-71.7831, 20.4573

■ 19.0842, -24.4902,
6.1403

174.9940,

■ 12.1467, -21.2567,

-74.9068, 21.6874

4.8694

190.8057,
-77.9796, 22.9303

■ 5.2090, -9.1158,
3.6463

0.0000, NaN, NaN

■ 78.1870, -51.4348,
13.3059

■ 78.1870, -51.4348,
13.3059

■ 78.1882, -51.4370,
13.3092

■ 78.4390, -50.1496,
11.5351

■ 78.8338, -48.2771,
9.8737

■ 79.4150, -45.6610,
8.3819

■ 80.2040, -42.2366,
7.0969

■ 81.2161, -37.9740,
6.0482

■ 82.4612, -32.8717,
5.2580

■ 83.9453, -26.9525,
4.7413

■ 85.6703, -20.2585,
4.5061

■ 87.6350, -12.8460,
4.5542

Harmonies

Analogous

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



78.1885, -41.8896, 31.3174



78.1870, -51.4348, 13.3059



78.1885, -49.7795, -15.3284

Triad

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



78.1885, -51.4353, 13.3067



78.1885, 15.0691, -63.3548



78.1885, 35.1297, 34.5887

Complementary

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



78.1870, -51.4348, 13.3059



41.6883, 71.9207, 22.8091

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.



78.1885, 55.0871, 19.8015



78.1870, -51.4348, 13.3059



78.1885, 42.3973, -38.2595

Square

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



78.1885, -51.4353, 13.3067



78.1885, -14.0670, -67.0929



78.1885, 57.9238, -6.0253



78.1885, 6.2322, 40.3109

Rectangle

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



78.1870, -51.4348, 13.3059



78.1885, -42.4613, -37.0451



78.1885, 57.9238, -6.0253



78.1885, 43.2737, 30.8277

Sweetspot

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



78.1885, -51.4353, 13.3067



93.4167, -30.1222, 5.2851



76.4205, -63.2246, 45.9824



42.8807, -15.2751, 2.5414

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.1885, -51.4353, 13.3067



87.0306, -57.3047, 14.9236



57.6199, -13.3090, -43.2874



40.3504, -5.7158, 2.0991



58.2727, -38.2249, 9.6809



15.8821, -10.1404, 2.0390

Inverse Universe

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



41.6883, 71.9207, 22.8091



46.3951, 80.0244, 25.5504



45.8527, 56.8429, 29.2481



37.9705, 1.7209, 2.2635



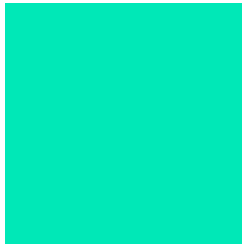
31.0842, 53.6768, 16.6432



8.5291, 14.8834, 3.3628

Previews

White Background



This preview shows how the HunterLab color 78.1870, -51.4348, 13.3059 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 78.1870, -51.4348, 13.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

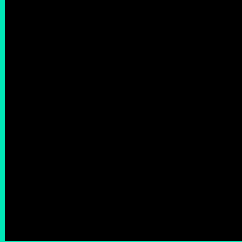
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

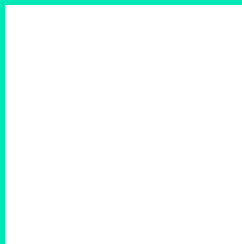
Any Text WCAG AAA ✓ Pass

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

HunterLab 78.1870, -51.4348, 13.3059 Background



This preview shows how black text looks on a background with the HunterLab color 78.1870, -51.4348, 13.3059.



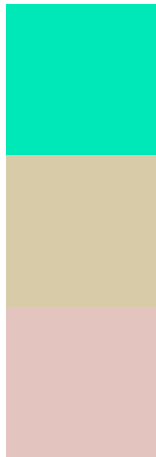
This preview shows how white text looks on a background with the HunterLab color 78.1870, -51.4348, 13.3059.

-51.4348, 13.3059.

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

78.1870, -51.4348, 13.3059

Protanopia

77.4507, -5.4431, 19.2702

Deuteranopia

77.2887, 5.9462, 9.9173



Tritanopia

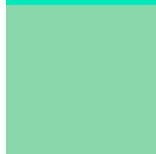
78.1420, -33.3125, -16.1705

Trichromacy



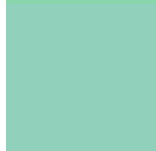
Original Color

78.1870, -51.4348, 13.3059



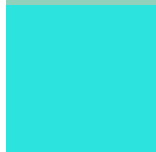
Protanomaly

75.1190, -31.8801, 14.5255



Deuteranomaly

74.3314, -25.4874, 7.4069



Tritanomaly

77.9208, -41.0591, -4.7550

Monochromacy



Original Color

78.1870, -51.4348, 13.3059



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

63.0424, -27.4230, 4.4373

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.1870, -51.4348, 13.3059 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 232, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 232, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 78.1870, -51.4348, 13.3059 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, 183) }
```


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

```
.border{ border-color:rgb(0, 232, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 232, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 232, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 232,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.1870, -51.4348, 13.3059 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, 183) }
```

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

```
.background{ background-color: rgb(0, 232,  
183) }
```

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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