

Converting Colors

HunterLab(63.1504, -54.7226,
-2.1963)

Have a look what the booklet for
HunterLab(63.1504, -54.7226,
-2.1963) contains.

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Color

**HunterLab(66.7557,
-39.8375, 2.5589)**

Conversions

Conversions Part 1

Format	Color
Hex	00C8B3
RGB	0, 200, 179
RGB Percent	0%, 78%, 70%
CMY	0.9999, 0.2157, 0.2980
CMYK	1.00, 0.00, 0.11, 0.22
HSL	174°, 100%, 39%
HSV	174°, 100%, 78%
XYZ	28.7910, 44.5632, 49.7319
YIQ	137.8060, -112.4590, -48.9310

Conversions

Conversions Part 2

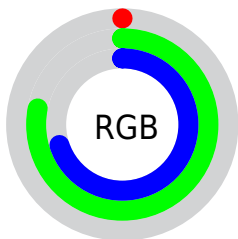
Format	Color
RYB	0, 106, 200
Decimal	51379
CIELab	72.60, -46.11, -1.26
CIELCh	73, 46.132, 181.564
Yxy	44.5649, 0.2339, 0.3621
Android (android.graphics.Color)	4278241459 (0xFF00C8B3)
YUV	137.8060, 20.3086, -120.8559
Hunter-Lab	66.7557, -39.8375, 2.5589

Details

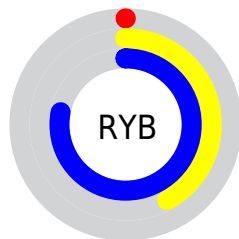
The HunterLab color **66.7557, -39.8375, 2.5589** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **35.1209, 60.2948, 21.4963**, and the grayscale version is **50.2950, -2.6836, 2.7326**.

A 20% lighter version of the original color is **89.6670, -44.7435, 2.4987**, and **46.6446, -28.4686, 3.1539** is the 20% darker color. If you saturate the color by 10%, you get **66.7567, -39.8391, 2.5610**, and if you desaturate by 10%, it is **66.9324, -39.0053, 1.7874**.

Distribution



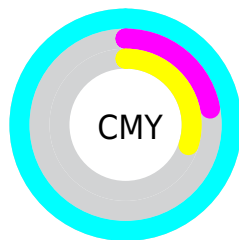
- Red (0%)
- Green (78%)
- Blue (70%)



- Red (0%)
- Yellow (42%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.7557, -39.8375, 2.5589 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 66.7557, -39.8375, 2.5589 by changing the saturation by 10% instead.


 66.7557, -39.8375,
2.5589

 66.7557, -39.8375,
2.5589


191.0520,
-65.0332, 8.8808


 55.7807, -36.6006,
2.0236


 90.5909, -45.9325,
3.7438


 45.4822, -33.1927,
1.5283


 103.3867,
-48.8356, 4.3875

 35.9095, -29.5634,
1.0775


 116.7340,
-51.6642, 5.0634

 27.1224, -25.6371,
0.6754

 130.6108,
-54.4301, 5.7701

 19.1986, -21.2943,
0.3285

 144.9976,
-57.1428, 6.5062

 12.2452, -18.5056,
0.0457

159.8771,

 5.3697, -9.3969,

-59.8101, 7.2707

-0.6794

175.2333,
-62.4384, 8.0626

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7557, -39.8375,
2.5589

■ 66.7557, -39.8375,
2.5589

■ 66.7567, -39.8391,
2.5610

■ 66.9324, -39.0053,
1.7874

■ 67.2229, -37.7147,
1.1516

■ 67.6663, -35.8232,
0.7043

■ 68.2804, -33.2760,
0.4711

■ 69.0778, -30.0451,

0.4703

■ 70.0670, -26.1249,
0.7130

■ 71.2533, -21.5293,
1.2039

■ 72.6388, -16.2879,
1.9419

■ 74.2230, -10.4426,
2.9212

Harmonies

Analogous

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



66.7570, -35.9579, 19.6797



66.7557, -39.8375, 2.5589



66.7570, -35.0600, -20.2030

Triad

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



66.7570, -39.8377, 2.5597



66.7570, 19.3045, -38.9259



66.7570, 17.1236, 29.6557

Complementary

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



66.7557, -39.8375, 2.5589



35.1209, 60.2948, 21.4963

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.



66.7570, 35.1272, 21.0099



66.7557, -39.8375, 2.5589



66.7570, 36.4935, -17.7589

Square

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



66.7570, -39.8377, 2.5597



66.7570, -2.4420, -48.3601



66.7570, 42.6142, 4.6903



66.7570, -4.6817, 32.0657

Rectangle

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



66.7557, -39.8375, 2.5589



66.7570, -27.2112, -34.7517



66.7570, 42.6142, 4.6903



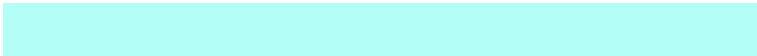
66.7570, 23.9117, 27.5519

Sweetspot

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



66.7570, -39.8377, 2.5597



93.6790, -28.6170, 1.5481



64.4178, -54.4938, 38.7390



43.0189, -14.4777, 0.5728

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.7570, -39.8377, 2.5597



87.8257, -52.4920, 3.5407



42.9220, -2.1184, -49.0728



34.7097, -4.7032, 1.3953



53.2378, -31.7223, 1.9367



11.6090, -6.7560, 0.0740

Inverse Universe

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



35.1209, 60.2948, 21.4963



46.1932, 79.2764, 28.5380



41.8858, 39.4300, 26.4987



32.6416, 1.2718, 2.3426



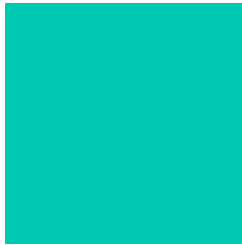
28.0153, 48.1231, 16.9709



6.1474, 10.6613, 2.9362

Previews

White Background



This preview shows how the HunterLab color 66.7557, -39.8375, 2.5589 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 66.7557, -39.8375, 2.5589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

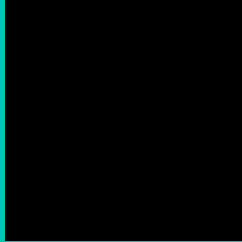
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

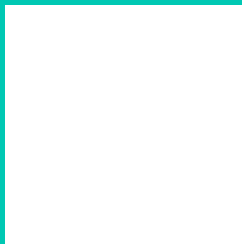
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.7557, -39.8375, 2.5589 Background



This preview shows how black text looks on a background with the HunterLab color 66.7557, -39.8375, 2.5589.



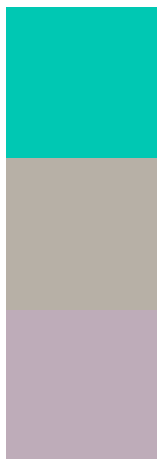
This preview shows how white text looks on a background with the HunterLab color 66.7557,

-39.8375, 2.5589.

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

66.7557, -39.8375, 2.5589

Protanopia

66.2353, -2.8949, 8.4697

Deuteranopia

66.2986, 4.4466, -0.1162



Tritanopia

66.6612, -29.2611, -14.2493

Trichromacy



Original Color

66.7557, -39.8375, 2.5589



Protanomaly

64.3049, -23.9785, 3.6812



Deuteranomaly

63.9842, -19.4631, -2.4270



Tritanomaly

66.6056, -33.8278, -7.6483

Monochromacy



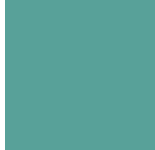
Original Color

66.7557, -39.8375, 2.5589



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

54.6483, -22.0793, 0.5907

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7557, -39.8375, 2.5589 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, 200, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 179)  
}
```

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, 200, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7557, -39.8375, 2.5589 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, 200, 179) }
```


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

```
.border{ border-color:rgb(0, 200, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7557, -39.8375, 2.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 179) }
```

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

```
.background{ background-color: rgb(0, 200,  
179) }
```

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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