

Converting Colors

HunterLab(68.3403, -41.1998,
3.6266)

Have a look what the booklet for
HunterLab(68.3403, -41.1998,
3.6266) contains.

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Color

**HunterLab(68.2164,
-40.9875, 3.3215)**

Conversions

Conversions Part 1

Format	Color
Hex	02CCB5
RGB	2, 204, 181
RGB Percent	1%, 80%, 71%
CMY	0.9920, 0.2000, 0.2902
CMYK	0.99, 0.00, 0.11, 0.20
HSL	173°, 98%, 40%
HSV	173°, 99%, 80%
XYZ	29.9583, 46.5348, 51.1191
YIQ	140.9800, -113.0090, -49.9770

Conversions

Conversions Part 2

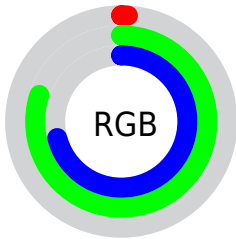
Format	Color
RYB	2, 109, 204
Decimal	183477
CIELab	73.89, -47.19, -0.46
CIELCh	74, 47.189, 180.555
Yxy	46.5365, 0.2348, 0.3647
Android (android.graphics.Color)	4278373557 (0xFF02CCB5)
YUV	140.9800, 19.7299, -121.8855
Hunter-Lab	68.2164, -40.9875, 3.3215

Details

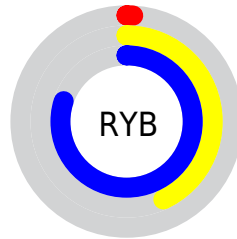
The HunterLab color **68.2164, -40.9875, 3.3215** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **35.9893, 61.5128, 21.7348**, and the grayscale version is **51.5627, -2.7513, 2.8015**.

A 20% lighter version of the original color is **89.7650, -44.2299, 1.6184**, and **48.0140, -29.5839, 3.8499** is the 20% darker color. If you saturate the color by 10%, you get **68.2011, -41.0685, 3.4097**, and if you desaturate by 10%, it is **68.4070, -40.0863, 2.4675**.

Distribution



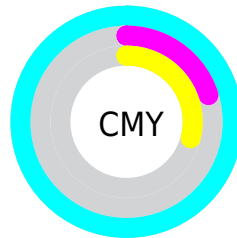
- Red (1%)
- Green (80%)
- Blue (71%)



- Red (1%)
- Yellow (43%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (99%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2164, -40.9875, 3.3215 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 68.2164, -40.9875, 3.3215 by changing the saturation by 10% instead.

68.2164, -40.9875,
3.3215

68.2164, -40.9875,
3.3215

193.1221,
-66.5660, 9.9599

57.1572, -37.7034,
2.7425

92.2071, -47.1747,
4.5870

46.7689, -34.2480,
2.2007

105.0752,
-50.1224, 5.2683

37.0997, -30.5721,
1.6998

118.4918,
-52.9945, 5.9803

28.2075, -26.6020,
1.2434

132.4354,
-55.8028, 6.7216

20.1673, -22.2228,
0.8363

146.8866,
-58.5570, 7.4912

13.0814, -18.6640,
0.4853

161.8283,

6.5643, -11.4876,

-61.2648, 8.2880

0.0685

177.2449,
-63.9326, 9.1112

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2164, -40.9875,
3.3215

■ 68.2164, -40.9875,
3.3215

■ 68.2011, -41.0685,
3.4097

■ 68.4070, -40.0863,
2.4675

■ 68.7222, -38.6830,
1.7597

■ 69.1963, -36.6560,
1.2449

■ 69.8469, -33.9522,
0.9492

■ 70.6864, -30.5455,

0.8910

■ 71.7233, -26.4326,
1.0819

■ 72.9627, -21.6297,
1.5266

■ 74.4063, -16.1692,
2.2243

■ 76.0533, -10.0953,
3.1688

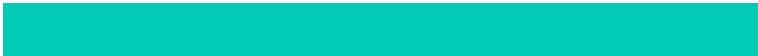
Harmonies

Analogous

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



68.2177, -36.7007, 20.6757



68.2164, -40.9875, 3.3215



68.2177, -36.3727, -20.0651

Triad

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



68.2177, -40.9878, 3.3223



68.2177, 19.2121, -40.8033



68.2177, 18.4133, 30.2763

Complementary

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



68.2164, -40.9875, 3.3215



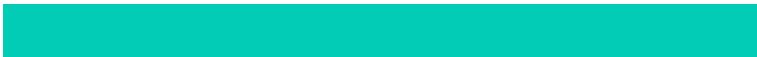
35.9893, 61.5128, 21.7348

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.



68.2177, 36.7238, 21.1610



68.2164, -40.9875, 3.3215



68.2177, 37.2246, -19.1687

Square

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



68.2177, -40.9878, 3.3223



68.2177, -3.2333, -50.0005



68.2177, 43.9998, 4.1020



68.2177, -4.0529, 32.9338

Rectangle

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



68.2164, -40.9875, 3.3215



68.2177, -28.4845, -35.2273



68.2177, 43.9998, 4.1020



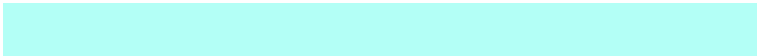
68.2177, 25.3550, 28.0459

Sweetspot

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



68.2177, -40.9878, 3.3223



93.6567, -28.7448, 1.8655



65.8832, -55.6345, 39.5704



43.0071, -14.5456, 0.7404

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2177, -40.9878, 3.3223



87.7546, -52.9206, 4.5547



44.0953, -2.4379, -49.6859



35.6429, -4.8527, 1.4669



54.1149, -32.5325, 2.5894



12.3173, -7.2324, 0.2171

Inverse Universe

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



35.9893, 61.5128, 21.7348



46.2049, 79.3197, 28.3648



43.0119, 39.8621, 27.1210



33.5173, 1.3292, 2.3733



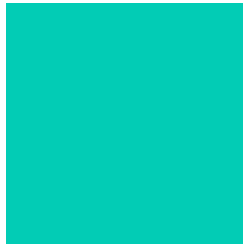
28.5072, 48.9829, 17.1536



6.5298, 11.3287, 3.0861

Previews

White Background



This preview shows how the HunterLab color 68.2164, -40.9875, 3.3215 looks on a white background.

Color Contrast Check

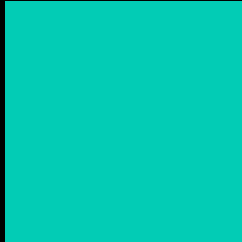
Large Text (above 18pt) WCAG AA × Fail

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 68.2164, -40.9875, 3.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

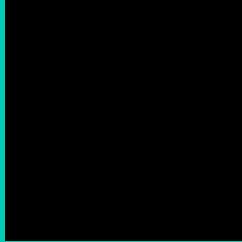
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

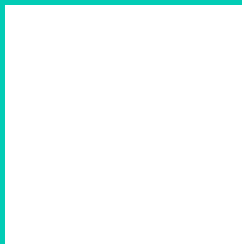
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.2164, -40.9875, 3.3215 Background



This preview shows how black text looks on a background with the HunterLab color 68.2164, -40.9875, 3.3215.



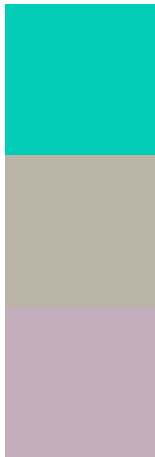
This preview shows how white text looks on a background with the HunterLab color 68.2164, -40.9875, 3.3215.

-40.9875, 3.3215.

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

68.2164, -40.9875, 3.3215

Protanopia

67.7286, -3.7587, 9.6641

Deuteranopia

67.6144, 4.5593, 0.5180



Tritanopia

68.1983, -29.9445, -14.3930

Trichromacy



Original Color

68.2164, -40.9875, 3.3215



Protanomaly

65.7995, -24.9441, 4.9401



Deuteranomaly

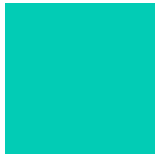
65.5024, -20.2647, -1.5382



Tritanomaly

68.1360, -34.5521, -7.7844

Monochromacy



Original Color

68.2164, -40.9875, 3.3215



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

55.7897, -22.4668, 0.5582

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2164, -40.9875, 3.3215 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(2, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(2, 204, 181)  
}
```

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(2, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 204, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2164, -40.9875, 3.3215 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(2, 204, 181) }
```


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

```
.border{ border-color:rgb(2, 204, 181) }
```

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

Here you see how a box with a 4 pixel rgb(2, 204, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(2, 204,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2164, -40.9875, 3.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 204, 181) }
```

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

```
.background{ background-color: rgb(2, 204,  
181) }
```

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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