

Converting Colors

HunterLab(68.1975, -41.0826,
3.4445)

Have a look what the booklet for
HunterLab(68.1975, -41.0826,
3.4445) contains.

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Color

**HunterLab(68.2070,
-41.0256, 3.3097)**

Conversions

Conversions Part 1

Format	Color
Hex	00CCB5
RGB	0, 204, 181
RGB Percent	0%, 80%, 71%
CMY	0.9999, 0.2000, 0.2902
CMYK	1.00, 0.00, 0.11, 0.20
HSL	173°, 100%, 40%
HSV	173°, 100%, 80%
XYZ	29.9334, 46.5219, 51.1181
YIQ	140.3820, -114.2010, -50.4010

Conversions

Conversions Part 2

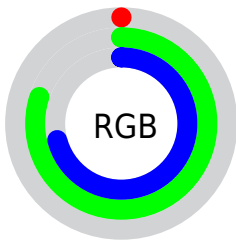
Format	Color
RYB	0, 108, 204
Decimal	52405
CIELab	73.88, -47.25, -0.47
CIELCh	74, 47.248, 180.571
Yxy	46.5237, 0.2346, 0.3647
Android (android.graphics.Color)	4278242485 (0xFF00CCB5)
YUV	140.3820, 20.0247, -123.1150
Hunter-Lab	68.2070, -41.0256, 3.3097

Details

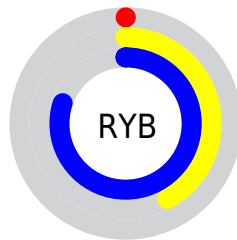
The HunterLab color **68.2070, -41.0256, 3.3097** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **35.9174, 61.6768, 21.8706**, and the grayscale version is **51.3232, -2.7385, 2.7885**.

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 **68.2080, -41.0273, 3.3120**, and if you desaturate by 10%, it is **68.3901, -40.1557, 2.4569**.

Distribution



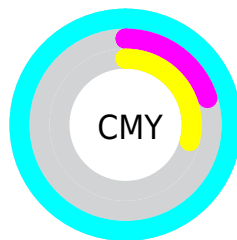
- Red (0%)
- Green (80%)
- Blue (71%)



- Red (0%)
- Yellow (42%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2070, -41.0256, 3.3097 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 68.2070, -41.0256, 3.3097 by changing the saturation by 10% instead.

68.2070, -41.0256,
3.3097

68.2070, -41.0256,
3.3097

193.1088,
-66.6298, 9.9432

57.1483, -37.7377,
2.7314

92.1967, -47.2196,
4.5740

46.7606, -34.2782,
2.1903

105.0643,
-50.1704, 5.2547

37.0920, -30.5977,
1.6902

118.4805,
-53.0454, 5.9661

28.2004, -26.6226,
1.2346

132.4236,
-55.8565, 6.7069

20.1610, -22.2375,
0.8284

146.8745,
-58.6133, 7.4759

13.0759, -18.6843,
0.4784

161.8158,

6.5574, -11.4754,

-61.3237, 8.2723

0.0595

177.2320,
-63.9940, 9.0950

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2070, -41.0256,
3.3097

■ 68.2070, -41.0256,
3.3097

■ 68.2080, -41.0273,
3.3120

■ 68.3901, -40.1557,
2.4569

■ 68.6903, -38.8133,
1.7409

■ 69.1473, -36.8544,
1.2153

■ 69.7793, -34.2227,
0.9069

■ 70.5991, -30.8897,

0.8348

■ 71.6157, -26.8500,
1.0111

■ 72.8344, -22.1179,
1.4411

■ 74.2572, -16.7243,
2.1245

■ 75.8837, -10.7124,
3.0555

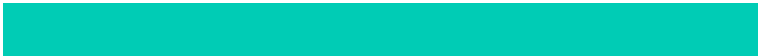
Harmonies

Analogous

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



68.2083, -36.7396, 20.6853



68.2070, -41.0256, 3.3097



68.2083, -36.4023, -20.1113

Triad

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



68.2083, -41.0259, 3.3105



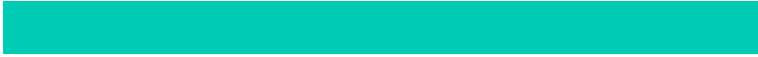
68.2083, 19.2530, -40.8632



68.2083, 18.4311, 30.3004

Complementary

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



68.2070, -41.0256, 3.3097



35.9174, 61.6768, 21.8706

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.



68.2083, 36.7714, 21.1843



68.2070, -41.0256, 3.3097



68.2083, 37.2868, -19.1888

Square

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



68.2083, -41.0259, 3.3105



68.2083, -3.2210, -50.0855



68.2083, 44.0651, 4.1126



68.2083, -4.0642, 32.9553

Rectangle

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



68.2070, -41.0256, 3.3097



68.2083, -28.5039, -35.2966



68.2083, 44.0651, 4.1126



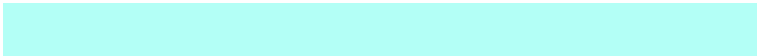
68.2083, 25.3833, 28.0705

Sweetspot

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



68.2083, -41.0259, 3.3105



93.6595, -28.7287, 1.8256



65.8631, -55.7274, 39.6080



43.0086, -14.5370, 0.7193

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2083, -41.0259, 3.3105



87.7635, -52.8668, 4.4276



43.8573, -2.1175, -50.2439



35.6432, -4.8510, 1.4624



54.1203, -32.5001, 2.5129



12.3183, -7.2264, 0.2029

Inverse Universe

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



35.9174, 61.6768, 21.8706



46.2034, 79.3141, 28.3874



42.8001, 40.3873, 27.0788



33.5170, 1.3276, 2.3776



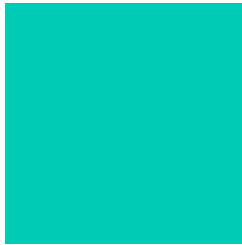
28.5061, 48.9788, 17.1699



6.5291, 11.3260, 3.0967

Previews

White Background



This preview shows how the HunterLab color 68.2070, -41.0256, 3.3097 looks on a white background.

Color Contrast Check

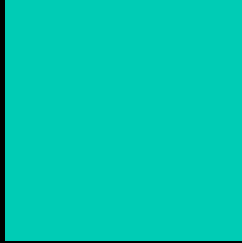
Large Text (above 18pt) WCAG AA × Fail

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 68.2070, -41.0256, 3.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

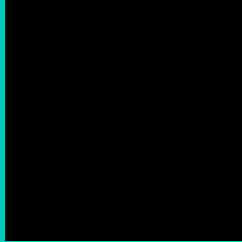
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

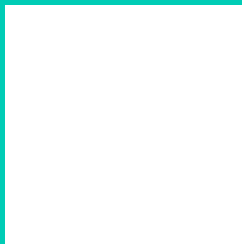
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.2070, -41.0256, 3.3097 Background



This preview shows how black text looks on a background with the HunterLab color 68.2070, -41.0256, 3.3097.



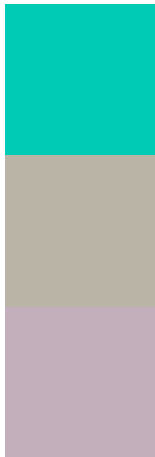
This preview shows how white text looks on a background with the HunterLab color 68.2070,

-41.0256, 3.3097.

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

68.2070, -41.0256, 3.3097

Protanopia

67.7286, -3.7587, 9.6641

Deuteranopia

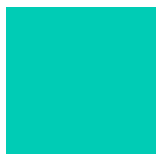
67.6144, 4.5593, 0.5180



Tritanopia

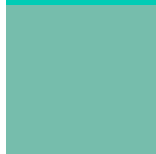
68.1983, -29.9445, -14.3930

Trichromacy



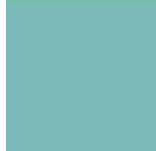
Original Color

68.2070, -41.0256, 3.3097



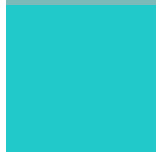
Protanomaly

65.7460, -25.1478, 4.8749



Deuteranomaly

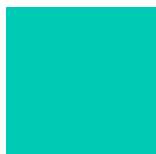
65.4458, -20.4762, -1.6128



Tritanomaly

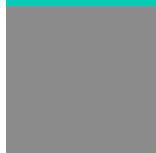
68.1360, -34.5521, -7.7844

Monochromacy



Original Color

68.2070, -41.0256, 3.3097



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

55.3939, -22.3946, 0.5499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2070, -41.0256, 3.3097 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, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2070, -41.0256, 3.3097 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, 204, 181) }
```


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

```
.border{ border-color:rgb(0, 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(0, 204, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2070, -41.0256, 3.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 181) }
```

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

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