

Converting Colors

HunterLab(68.0837, -41.7674,
5.0981)

Have a look what the booklet for
HunterLab(68.0837, -41.7674,
5.0981) contains.

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Color

**HunterLab(68.0930,
-41.7229, 5.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	01CCB1
RGB	1, 204, 177
RGB Percent	0%, 80%, 69%
CMY	0.9959, 0.2000, 0.3059
CMYK	0.99, 0.00, 0.13, 0.20
HSL	172°, 99%, 40%
HSV	172°, 99%, 80%
XYZ	29.5412, 46.3666, 48.9877
YIQ	140.2250, -112.3210, -51.4330

Conversions

Conversions Part 2

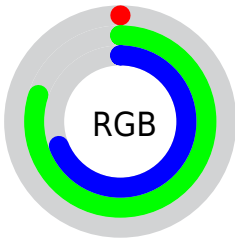
Format	Color
RYB	1, 110, 204
Decimal	117937
CIELab	73.78, -48.31, 1.55
CIELCh	74, 48.331, 178.166
Yxy	46.3683, 0.2365, 0.3712
Android (android.graphics.Color)	4278308017 (0xFF01CCB1)
YUV	140.2250, 18.1301, -122.1003
Hunter-Lab	68.0930, -41.7229, 5.0105

Details

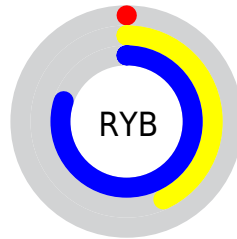
The HunterLab color **68.0930, -41.7229, 5.0105** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.9782, 61.6868, 21.4353**, and the grayscale version is **51.2673, -2.7355, 2.7854**.

A 20% lighter version of the original color is **89.6361, -44.9932, 3.4537**, and **47.9328, -30.0745, 5.0103** is the 20% darker color. If you saturate the color by 10%, you get **68.0854, -41.7673, 5.0628**, and if you desaturate by 10%, it is **68.2900, -40.7744, 4.0086**.

Distribution



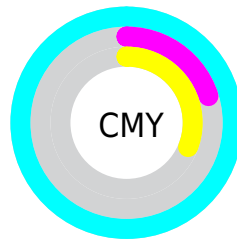
- Red (0%)
- Green (80%)
- Blue (69%)



- Red (0%)
- Yellow (43%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.0930, -41.7229, 5.0105 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 68.0930, -41.7229, 5.0105 by changing the saturation by 10% instead.


 68.0930, -41.7229,
5.0105

 68.0930, -41.7229,
5.0105


192.9475,
-67.7866, 12.3582


 57.0408, -38.3676,
4.3333


 92.0706, -48.0382,
6.4570


 46.6601, -34.8349,
3.6868


 104.9327,
-51.0444, 7.2226

 36.9990, -31.0737,
3.0733


 118.3435,
-53.9718, 8.0153

 28.1155, -27.0082,
2.4941

 132.2814,
-56.8330, 8.8342

 20.0851, -22.5199,
1.9509

 146.7272,
-59.6376, 9.6787

 13.0102, -19.0479,
1.4446

161.6637,

 6.4723, -11.3265,

-62.3938, 10.5480

1.3430

177.0752,
-65.1083, 11.4413

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0930, -41.7229,
5.0105

■ 68.0930, -41.7229,
5.0105

■ 68.0854, -41.7673,
5.0628

■ 68.2900, -40.7744,
4.0086

■ 68.6085, -39.3342,
3.1411

■ 69.0854, -37.2704,
2.4583

■ 69.7384, -34.5291,
1.9876

■ 70.5803, -31.0838,

1.7489

■ 71.6195, -26.9313,
1.7553

■ 72.8611, -22.0879,
2.0132

■ 74.3070, -16.5862,
2.5233

■ 75.9564, -10.4709,
3.2813

Harmonies

Analogous

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



68.0943, -36.6463, 22.0443



68.0930, -41.7229, 5.0105



68.0943, -37.7483, -18.7339

Triad

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



68.0943, -41.7232, 5.0113



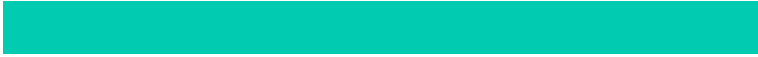
68.0943, 18.0221, -43.5001



68.0943, 20.7305, 30.2292

Complementary

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



68.0930, -41.7229, 5.0105



35.9782, 61.6868, 21.4353

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.



68.0943, 38.8766, 20.4184



68.0930, -41.7229, 5.0105



68.0943, 37.1756, -21.7844

Square

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



68.0943, -41.7232, 5.0113



68.0943, -5.0168, -51.6250



68.0943, 45.2492, 2.3755



68.0943, -2.2461, 33.3537

Rectangle

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



68.0930, -41.7229, 5.0105



68.0943, -30.1683, -34.6617



68.0943, 45.2492, 2.3755



68.0943, 27.7037, 27.8017

Sweetspot

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



68.0943, -41.7232, 5.0113



93.6088, -29.0195, 2.5476



65.9073, -55.5352, 39.6128



42.9818, -14.6914, 1.1004

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0943, -41.7232, 5.0113



87.6040, -53.8296, 6.7053



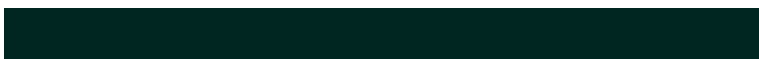
44.9673, -3.9085, -47.6848



35.6376, -4.8825, 1.5432



54.0241, -33.0800, 3.8848



12.3003, -7.3342, 0.4582

Inverse Universe

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



35.9782, 61.6868, 21.4353



46.2332, 79.4245, 27.9458



42.3490, 41.6136, 26.7822



33.5225, 1.3571, 2.2995



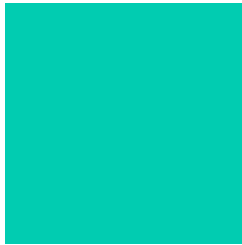
28.5274, 49.0578, 16.8544



6.5421, 11.3740, 2.9060

Previews

White Background



This preview shows how the HunterLab color 68.0930, -41.7229, 5.0105 looks on a white background.

Color Contrast Check

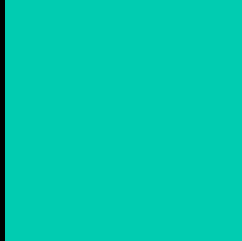
Large Text (above 18pt) WCAG AA × Fail

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 68.0930, -41.7229, 5.0105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

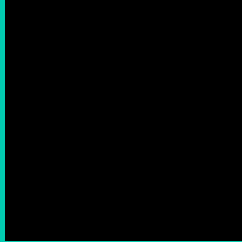
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

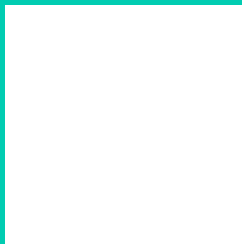
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.0930, -41.7229, 5.0105 Background



This preview shows how black text looks on a background with the HunterLab color 68.0930, -41.7229, 5.0105.



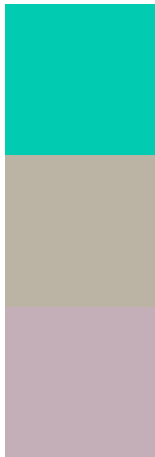
This preview shows how white text looks on a background with the HunterLab color 68.0930,

-41.7229, 5.0105.

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

68.0930, -41.7229, 5.0105

Protanopia

67.4428, -3.3851, 10.6224

Deuteranopia

67.4304, 5.2301, 1.7689



Tritanopia

68.2388, -29.7879, -14.3321

Trichromacy



Original Color

68.0930, -41.7229, 5.0105



Protanomaly

65.3857, -25.0125, 5.8158



Deuteranomaly

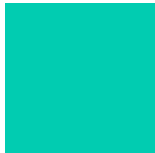
65.1107, -20.3307, -0.0429



Tritanomaly

68.0791, -34.9152, -6.7856

Monochromacy



Original Color

68.0930, -41.7229, 5.0105



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

55.3337, -22.7457, 1.4064

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0930, -41.7229, 5.0105 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(1, 204, 177)` looks like.

```
.text, #text, p{  
    color:rgb(1, 204, 177)  
}
```

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(1, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 204, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0930, -41.7229, 5.0105 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(1, 204, 177) }
```


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

```
.border{ border-color:rgb(1, 204, 177) }
```

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

Here you see how a box with a 4 pixel rgb(1, 204, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 204, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 204, 177);  
box-shadow:4px 4px 4px 4px rgb(1, 204,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0930, -41.7229, 5.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 204, 177) }
```

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

```
.background{ background-color: rgb(1, 204,  
177) }
```

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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