

Converting Colors

HunterLab(76.0310, -44.2412,
1.2823)

Have a look what the booklet for
HunterLab(76.0310, -44.2412,
1.2823) contains.

HunterLab(76.0455, -44.1442, 1.0545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.0455,
-44.1442, 1.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	10E0CD
RGB	16, 224, 205
RGB Percent	6%, 88%, 80%
CMY	0.9371, 0.1216, 0.1961
CMYK	0.93, 0.00, 0.08, 0.12
HSL	175°, 87%, 47%
HSV	175°, 93%, 88%
XYZ	37.8887, 57.8292, 66.9228
YIQ	159.6420, -117.8690, -50.0050

Conversions

Conversions Part 2

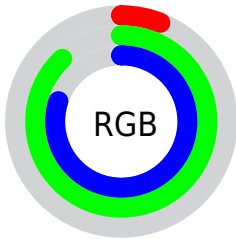
Format	Color
RYB	16, 125, 224
Decimal	1106125
CIELab	80.64, -48.59, -3.42
CIELCh	81, 48.705, 184.025
Yxy	57.8314, 0.2330, 0.3556
Android (android.graphics.Color)	4279296205 (0xFF10E0CD)
YUV	159.6420, 22.3615, -125.9740
Hunter-Lab	76.0455, -44.1442, 1.0545

Details

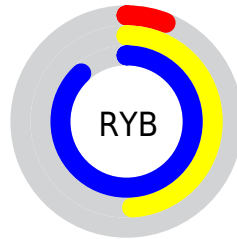
The HunterLab color **76.0455, -44.1442, 1.0545** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **40.4239, 67.1657, 23.7487**, and the grayscale version is **59.0948, -3.1531, 3.2107**.

A 20% lighter version of the original color is **90.6922, -39.3992, -6.6555**, and **54.9906, -32.6489, 1.7461** is the 20% darker color. If you saturate the color by 10%, you get **75.9279, -44.7143, 1.6221**, and if you desaturate by 10%, it is **76.3156, -42.9399, 0.3877**.

Distribution



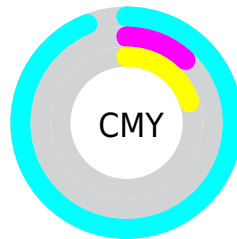
- Red (6%)
- Green (88%)
- Blue (80%)



- Red (6%)
- Yellow (49%)
- Blue (88%)



- Cyan (93%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)





- Cyan (94%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.0455, -44.1442, 1.0545 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 76.0455, -44.1442, 1.0545 by changing the saturation by 10% instead.


 76.0455, -44.1442,
1.0545


 76.0455, -44.1442,
1.0545


204.0974,
-69.9236, 6.8657

 64.5547, -40.8723,
0.5869


 100.8351,
-50.3422, 2.1124


 53.7079, -37.4478,
0.1624


 114.0761,
-53.3068, 2.6961

 43.5476, -33.8305,
-0.2142


 127.8508,
-56.2008, 3.3140

 34.1236, -29.9622,
-0.5378

 142.1391,
-59.0348, 3.9644

 25.4988, -25.7558,
-0.8017

 156.9234,
-61.8175, 4.6460

 17.7556, -21.0723,
-0.9966

172.1873,

 11.0087, -19.2652,

-64.5561, 5.3575

-1.1083

187.9165,
-67.2565, 6.0977

■ 2.6721, -4.6761,
-5.1577

0.0000, NaN, NaN

■ 76.0455, -44.1442,
1.0545

■ 76.0455, -44.1442,
1.0545

■ 75.9279, -44.7143,
1.6221

■ 76.3156, -42.9399,
0.3877

■ 76.7516, -41.0759,
-0.0707

■ 77.3776, -38.4760,
-0.2872

■ 78.2103, -35.0973,
-0.2386

■ 79.2612, -30.9246,
0.0895

■ 80.5375, -25.9660,
0.7038

■ 82.0428, -20.2500,
1.6042

■ 83.7777, -13.8205,
2.7842

■ 85.7396, -6.7331,
4.2323

Harmonies

Analogous

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



76.0469, -40.6187, 20.6835



76.0455, -44.1442, 1.0545



76.0469, -38.0515, -24.1036

Triad

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



76.0469, -44.1444, 1.0554



76.0469, 22.9534, -40.8812



76.0469, 16.7913, 33.5616

Complementary

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



76.0455, -44.1442, 1.0545



40.4239, 67.1657, 23.7487

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.



76.0469, 37.1970, 24.5029



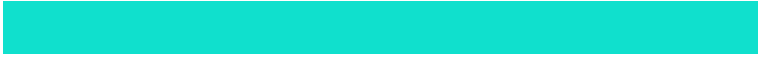
76.0455, -44.1442, 1.0545



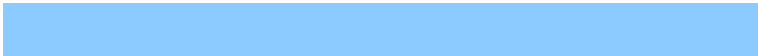
76.0469, 41.0474, -17.2323

Square

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



76.0469, -44.1444, 1.0554



76.0469, -0.8592, -52.5421



76.0469, 46.5510, 7.0995



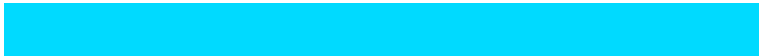
76.0469, -7.2121, 35.7785

Rectangle

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



76.0455, -44.1442, 1.0545



76.0469, -28.8618, -39.5901



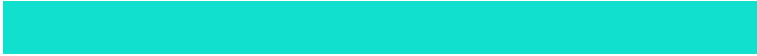
76.0469, 46.5510, 7.0995



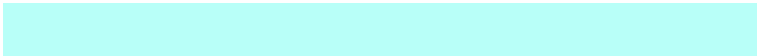
76.0469, 24.3901, 31.3870

Sweetspot

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



76.0469, -44.1444, 1.0554



94.0574, -27.1088, 1.2582



73.3081, -61.3112, 43.7012



43.1782, -13.8295, 0.3892

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.0469, -44.1444, 1.0554



87.9370, -51.8221, 1.9554



49.4850, -3.0325, -54.0575



39.4330, -5.3641, 1.5166



57.9351, -34.0667, 1.1265



15.2739, -8.8429, -0.0018

Inverse Universe

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



40.4239, 67.1657, 23.7487



46.1769, 79.2159, 28.7797



49.8507, 39.2244, 30.8199



37.0416, 1.4751, 2.7279



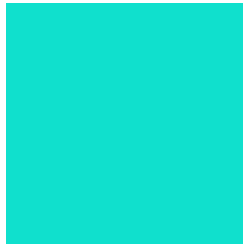
30.4334, 52.2418, 18.7067



8.0565, 13.9175, 4.2726

Previews

White Background



This preview shows how the HunterLab color 76.0455, -44.1442, 1.0545 looks on a white background.

Color Contrast Check

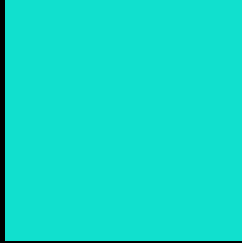
Large Text (above 18pt) WCAG AA × Fail

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 76.0455, -44.1442, 1.0545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

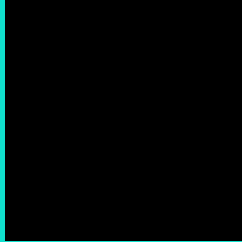
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

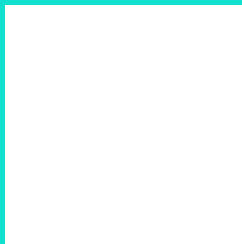
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.0455, -44.1442, 1.0545 Background



This preview shows how black text looks on a background with the HunterLab color 76.0455, -44.1442, 1.0545.



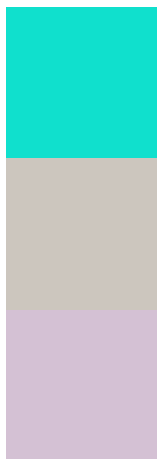
This preview shows how white text looks on a background with the HunterLab color 76.0455, -44.1442, 1.0545.

-44.1442, 1.0545.

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

76.0455, -44.1442, 1.0545

Protanopia

75.4607, -3.3980, 8.1632

Deuteranopia

75.4258, 5.5142, -2.3888



Tritanopia

75.9258, -33.4122, -16.3656

Trichromacy



Original Color

76.0455, -44.1442, 1.0545



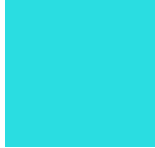
Protanomaly

73.3485, -25.3790, 3.0187



Deuteranomaly

73.1108, -20.3080, -4.2234



Tritanomaly

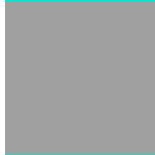
75.9219, -37.8745, -9.5095

Monochromacy



Original Color

76.0455, -44.1442, 1.0545



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

63.3954, -23.7850, 0.2331

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.0455, -44.1442, 1.0545 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(16, 224, 205)` looks like.

```
.text, #text, p{  
    color:rgb(16, 224, 205)  
}
```

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(16, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 224, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 76.0455, -44.1442, 1.0545 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(16, 224, 205) }
```


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

```
.border{ border-color:rgb(16, 224, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 224, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(16, 224,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.0455, -44.1442, 1.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 224, 205) }
```

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

```
.background{ background-color: rgb(16, 224,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor