

Converting Colors

HunterLab(77.0396, -45.4855,
1.8973)

Have a look what the booklet for
HunterLab(77.0396, -45.4855,
1.8973) contains.

HunterLab(77.0678, -45.4431, 1.7705)	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(77.0678,
-45.4431, 1.7705)**

Conversions

Conversions Part 1

Format	Color
Hex	00E3CE
RGB	0, 227, 206
RGB Percent	0%, 89%, 81%
CMY	0.9998, 0.1098, 0.1921
CMYK	1.00, 0.00, 0.09, 0.11
HSL	174°, 100%, 45%
HSV	174°, 100%, 89%
XYZ	38.6097, 59.3945, 67.8220
YIQ	156.7330, -128.5510, -54.6550

Conversions

Conversions Part 2

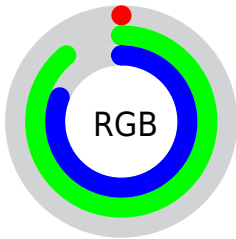
Format	Color
RYB	0, 119, 227
Decimal	58318
CIELab	81.51, -49.99, -2.69
CIELCh	82, 50.063, 183.076
Yxy	59.3967, 0.2328, 0.3582
Android (android.graphics.Color)	4278248398 (0xFF00E3CE)
YUV	156.7330, 24.2886, -137.4548
Hunter-Lab	77.0678, -45.4431, 1.7705

Details

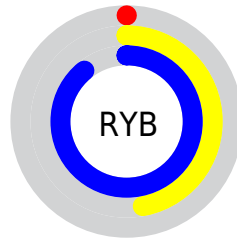
The HunterLab color **77.0678, -45.4431, 1.7705** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **40.4806, 69.4521, 25.1173**, and the grayscale version is **57.9053, -3.0897, 3.1461**.

A 20% lighter version of the original color is **90.6198, -39.6786, -6.7543**, and **56.0293, -33.6006, 2.5022** is the 20% darker color. If you saturate the color by 10%, you get **77.0689, -45.4449, 1.7731**, and if you desaturate by 10%, it is **77.2518, -44.5785, 0.9714**.

Distribution



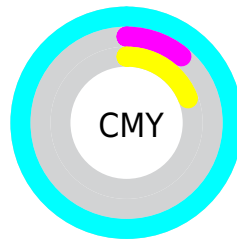
- Red (0%)
- Green (89%)
- Blue (81%)



- Red (0%)
- Yellow (47%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.0678, -45.4431, 1.7705 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 77.0678, -45.4431, 1.7705 by changing the saturation by 10% instead.


 77.0678, -45.4431,
1.7705


 77.0678, -45.4431,
1.7705


205.5165,
-71.7568, 7.8515

 65.5229, -42.0998,
1.2664


 101.9578,
-51.7750, 2.8964


 54.6189, -38.6007,
0.8033


 115.2458,
-54.8027, 3.5120

 44.3974, -34.9051,
0.3857


 129.0656,
-57.7575, 4.1605

 34.9075, -30.9550,
0.0181

 143.3975,
-60.6503, 4.8406

 26.2107, -26.6636,
-0.2935

 158.2238,
-63.4899, 5.5508

 18.3874, -21.8941,
-0.5409

173.5285,

 11.5486, -20.2100,

-66.2836, 6.2900

-0.7115

189.2972,
-69.0375, 7.0572

■ 4.0875, -7.1531,
-2.5022

0.0000, NaN, NaN

■ 77.0678, -45.4431,
1.7705

■ 77.0678, -45.4431,
1.7705

■ 77.0689, -45.4449,
1.7731

■ 77.2518, -44.5785,
0.9714

■ 77.5702, -43.1727,
0.3373

■ 78.0661, -41.0705,
-0.0740

■ 78.7605, -38.2046,
-0.2321

■ 79.6688, -34.5397,
-0.1160

■ 80.8015, -30.0676,
0.2868

■ 82.1648, -24.8029,
0.9813

■ 83.7614, -18.7794,
1.9653

■ 85.5909, -12.0458,
3.2309

Harmonies

Analogous

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



77.0693, -41.5080, 21.7291



77.0678, -45.4431, 1.7705



77.0693, -39.4904, -24.2179

Triad

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



77.0693, -45.4434, 1.7714



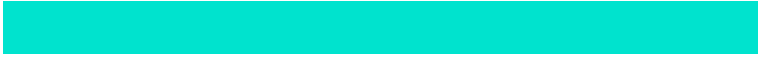
77.0693, 23.0770, -43.1152



77.0693, 18.2018, 34.2339

Complementary

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



77.0678, -45.4431, 1.7705



40.4806, 69.4521, 25.1173

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.



77.0693, 39.0732, 24.7237



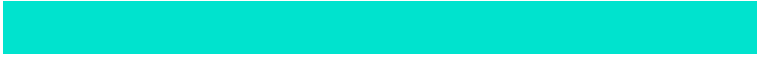
77.0678, -45.4431, 1.7705



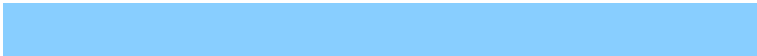
77.0693, 42.1239, -18.7662

Square

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



77.0693, -45.4434, 1.7714



77.0693, -1.5928, -54.6932



77.0693, 48.3094, 6.5425



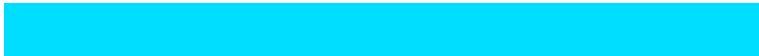
77.0693, -6.6079, 36.6887

Rectangle

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



77.0678, -45.4431, 1.7705



77.0693, -30.2249, -40.4675



77.0693, 48.3094, 6.5425



77.0693, 26.0093, 31.9401

Sweetspot

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



77.0693, -45.4434, 1.7714



93.7105, -28.4362, 1.0993



74.2424, -63.0423, 44.6431



43.0355, -14.3816, 0.3356

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.0693, -45.4434, 1.7714



87.9274, -51.8799, 2.0921



48.1840, -0.2236, -59.7398



40.3884, -5.5043, 1.5572



58.8627, -34.6573, 1.2419



16.0223, -9.2944, 0.0376

Inverse Universe

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



40.4806, 69.4521, 25.1173



46.1782, 79.2208, 28.7602



48.7694, 44.2440, 30.8244



37.9336, 1.5222, 2.7905



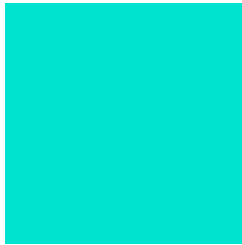
30.9244, 53.0851, 19.0056



8.4507, 14.5945, 4.5120

Previews

White Background



This preview shows how the HunterLab color 77.0678, -45.4431, 1.7705 looks on a white background.

Color Contrast Check

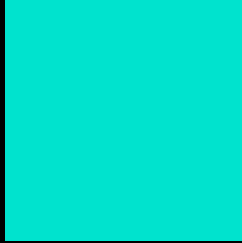
Large Text (above 18pt) WCAG AA × Fail

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 77.0678, -45.4431, 1.7705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

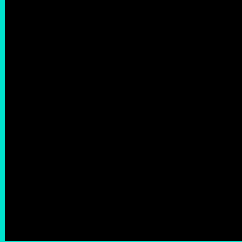
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

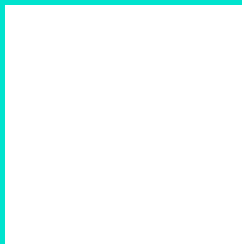
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.0678, -45.4431, 1.7705 Background



This preview shows how black text looks on a background with the HunterLab color 77.0678, -45.4431, 1.7705.



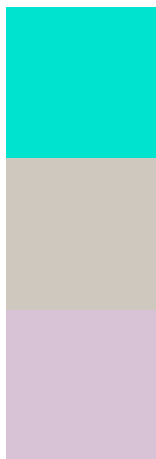
This preview shows how white text looks on a background with the HunterLab color 77.0678, -45.4431, 1.7705.

-45.4431, 1.7705.

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

77.0678, -45.4431, 1.7705

Protanopia

76.3777, -3.2750, 8.7436

Deuteranopia

76.3422, 5.6375, -1.7493



Tritanopia

77.0738, -34.0495, -16.5201

Trichromacy



Original Color

77.0678, -45.4431, 1.7705



Protanomaly

74.1514, -27.3944, 3.4544



Deuteranomaly

73.8899, -22.3806, -3.7864



Tritanomaly

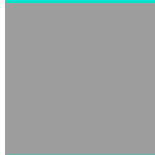
76.9986, -38.8036, -9.7513

Monochromacy



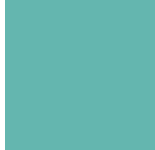
Original Color

77.0678, -45.4431, 1.7705



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

62.6581, -24.9817, -0.2051

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.0678, -45.4431, 1.7705 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, 227, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 206)  
}
```

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, 227, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0678, -45.4431, 1.7705 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, 227, 206) }
```


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

```
.border{ border-color:rgb(0, 227, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 227, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0678, -45.4431, 1.7705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 206) }
```

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

```
.background{ background-color: rgb(0, 227,  
206) }
```

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