

Converting Colors

HunterLab(77.0149, -46.0003,
4.2289)

Have a look what the booklet for
HunterLab(77.0149, -46.0003,
4.2289) contains.

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Color

**HunterLab(77.0160,
-45.9615, 4.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	15E3C9
RGB	21, 227, 201
RGB Percent	8%, 89%, 79%
CMY	0.9175, 0.1098, 0.2118
CMYK	0.91, 0.00, 0.11, 0.11
HSL	172°, 83%, 49%
HSV	172°, 91%, 89%
XYZ	38.3210, 59.3146, 64.6875
YIQ	162.4420, -114.4300, -51.7580

Conversions

Conversions Part 2

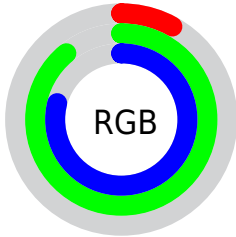
Format	Color
R_{YB}	21, 131, 227
Decimal	1434569
CIE _{Lab}	81.47, -50.73, -0.09
CIE _{LCh}	81, 50.728, 180.101
Yxy	59.3169, 0.2361, 0.3654
Android (android.graphics.Color)	4279624649 (0xFF15E3C9)
YUV	162.4420, 19.0091, -124.0446
Hunter-Lab	77.0160, -45.9615, 4.1122

Details

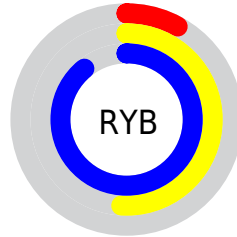
The HunterLab color **77.0160, -45.9615, 4.1122** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **41.3210, 67.9188, 22.7877**, and the grayscale version is **60.2523, -3.2149, 3.2736**.

A 20% lighter version of the original color is **90.7289, -39.2573, -6.6053**, and **55.8860, -34.4653, 4.5482** is the 20% darker color. If you saturate the color by 10%, you get **76.8331, -46.8653, 5.1341**, and if you desaturate by 10%, it is **77.3452, -44.4710, 3.1539**.

Distribution



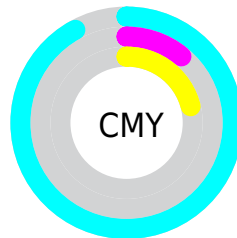
- Red (8%)
- Green (89%)
- Blue (79%)



- Red (8%)
- Yellow (51%)
- Blue (89%)



- Cyan (91%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)





- Cyan (92%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.0160, -45.9615, 4.1122 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 77.0160, -45.9615, 4.1122 by changing the saturation by 10% instead.


 77.0160, -45.9615,
4.1122


 77.0160, -45.9615,
4.1122


205.4447,
-72.5837, 11.0731


 65.4739, -42.5740,
3.4889


 101.9010,
-52.3740, 5.4598


 54.5727, -39.0271,
2.8999


 115.1866,
-55.4386, 6.1794


 44.3543, -35.2797,
2.3484


 129.0041,
-58.4286, 6.9280

 34.8677, -31.2723,
1.8371

 143.3338,
-61.3550, 7.7047

 26.1746, -26.9167,
1.3695

 158.1580,
-64.2269, 8.5083

 18.3552, -22.0739,
0.9500

173.4606,

 11.5211, -20.1619,

-67.0516, 9.3382

0.5850

189.2273,
-69.8355, 10.1933

■ 4.0279, -7.0488,
0.1275

0.0000, NaN, NaN

■ 77.0160, -45.9615,
4.1122

■ 77.0160, -45.9615,
4.1122

■ 76.8331, -46.8653,
5.1341

■ 77.3452, -44.4710,
3.1539

■ 77.8493, -42.2838,
2.4021

■ 78.5515, -39.3318,
1.8905

■ 79.4673, -35.5791,
1.6429

■ 80.6072, -31.0178,
1.6752

■ 81.9777, -25.6628,
1.9953

■ 83.5814, -19.5488,
2.6046

■ 85.4180, -12.7252,
3.4979

■ 87.4844, -5.2516,
4.6654

Harmonies

Analogous

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



77.0175, -41.0019, 23.4293



77.0160, -45.9615, 4.1122



77.0175, -40.9352, -21.9812

Triad

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



77.0175, -45.9618, 4.1131



77.0175, 21.0919, -45.8222



77.0175, 20.9299, 33.9026

Complementary

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



77.0160, -45.9615, 4.1122



41.3210, 67.9188, 22.7877

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.



77.0175, 41.2639, 23.5281



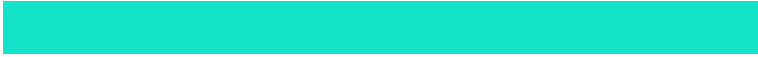
77.0160, -45.9615, 4.1122



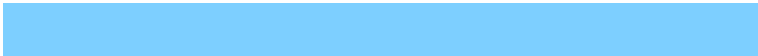
77.0175, 41.3654, -21.7997

Square

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



77.0175, -45.9618, 4.1131



77.0175, -4.0304, -55.7951



77.0175, 49.1656, 4.2714



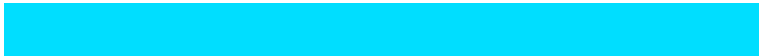
77.0175, -4.1968, 36.9947

Rectangle

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



77.0160, -45.9615, 4.1122



77.0175, -32.1844, -38.9689



77.0175, 49.1656, 4.2714



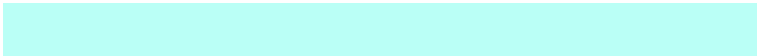
77.0175, 28.6605, 31.3536

Sweetspot

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



77.0175, -45.9618, 4.1131



94.1545, -26.8909, 2.4866



74.5886, -61.4937, 44.3196



43.2826, -13.5077, 1.0564

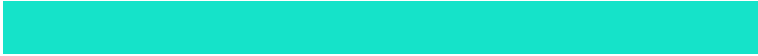
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.0175, -45.9618, 4.1131



87.6570, -53.5095, 5.9480



52.9089, -7.1706, -48.9639



40.3775, -5.5646, 1.7118



58.6850, -35.7274, 3.7741



15.9805, -9.5457, 0.6323

Inverse Universe

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



41.3210, 67.9188, 22.7877



46.2226, 79.3855, 28.1017



49.8522, 41.8337, 30.6057



37.9440, 1.5783, 2.6417



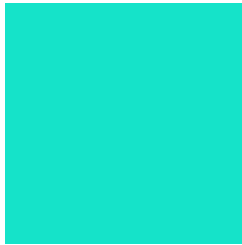
30.9584, 53.2111, 18.5021



8.4730, 14.6768, 4.1843

Previews

White Background



This preview shows how the HunterLab color 77.0160, -45.9615, 4.1122 looks on a white background.

Color Contrast Check

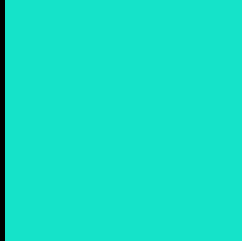
Large Text (above 18pt) WCAG AA × Fail

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 77.0160, -45.9615, 4.1122 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

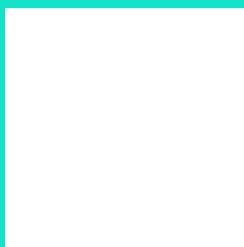
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.0160, -45.9615, 4.1122 Background



This preview shows how black text looks on a background with the HunterLab color 77.0160, -45.9615, 4.1122.



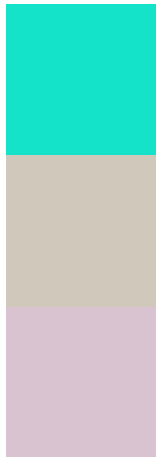
This preview shows how white text looks on a background with the HunterLab color 77.0160,

-45.9615, 4.1122.

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

77.0160, -45.9615, 4.1122

Protanopia

76.3306, -3.7219, 10.8859

Deuteranopia

76.3780, 5.4299, 0.8353



Tritanopia

76.7913, -33.4487, -16.3173

Trichromacy



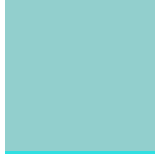
Original Color

77.0160, -45.9615, 4.1122



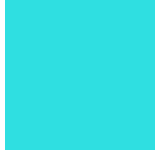
Protanomaly

74.4515, -26.5589, 6.1591



Deuteranomaly

74.2593, -21.3376, -0.7301



Tritanomaly

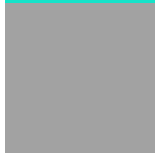
76.6915, -38.4320, -8.4868

Monochromacy



Original Color

77.0160, -45.9615, 4.1122



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

64.5228, -24.5238, 1.5861

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.0160, -45.9615, 4.1122 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(21, 227, 201)` looks like.

```
.text, #text, p{  
    color:rgb(21, 227, 201)  
}
```

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(21, 227, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 227, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0160, -45.9615, 4.1122 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(21, 227, 201) }
```


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

```
.border{ border-color:rgb(21, 227, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 227, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 227, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 227, 201);  
box-shadow:4px 4px 4px 4px rgb(21, 227,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0160, -45.9615, 4.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 227, 201) }
```

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

```
.background{ background-color: rgb(21, 227,  
201) }
```

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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