

Converting Colors

HunterLab(78.5977, -37.7015,
-16.3405)

Have a look what the booklet for
HunterLab(78.5977, -37.7015,
-16.3405) contains.

HunterLab(78.7585, -37.9709, -15.9677)	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(78.7585,
-37.9709, -15.9677)**

Conversions

Conversions Part 1

Format	Color
Hex	0BE4F3
RGB	11, 228, 243
RGB Percent	4%, 89%, 95%
CMY	0.9566, 0.1059, 0.0471
CMYK	0.95, 0.06, 0.00, 0.05
HSL	184°, 91%, 50%
HSV	184°, 95%, 95%
XYZ	44.0591, 62.0290, 94.4446
YIQ	164.8270, -134.1470, -41.3390

Conversions

Conversions Part 2

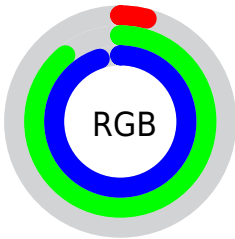
Format	Color
R _Y B	11, 123, 243
Decimal	779507
CIE Lab	82.93, -39.45, -20.17
CIE LCh	83, 44.311, 207.076
Yxy	62.0313, 0.2197, 0.3093
Android (android.graphics.Color)	4278969587 (0xFF0BE4F3)
YUV	164.8270, 38.5393, -134.9063
Hunter-Lab	78.7585, -37.9709, -15.9677

Details

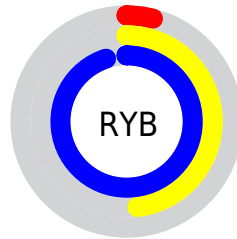
The HunterLab color **78.7585, -37.9709, -15.9677** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **44.5207, 72.0164, 28.2699**, and the grayscale version is **61.1641, -3.2636, 3.3232**.

A 20% lighter version of the original color is **90.8416, -38.8231, -6.4516**, and **57.5264, -27.0632, -13.4813** is the 20% darker color. If you saturate the color by 10%, you get **78.4645, -37.8407, -16.3867**, and if you desaturate by 10%, it is **79.4934, -37.9280, -14.9249**.

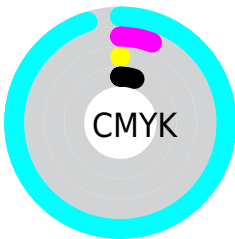
Distribution



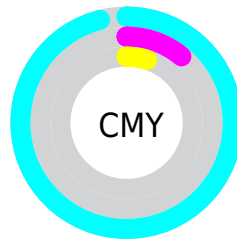
- Red (4%)
- Green (89%)
- Blue (95%)



- Red (4%)
- Yellow (48%)
- Blue (95%)



- Cyan (95%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (96%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.7585, -37.9709, -15.9677 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 78.7585, -37.9709, -15.9677 by changing the saturation by 10% instead.

78.7585, -37.9709,
-15.9677

78.7585, -37.9709,
-15.9677

207.8570,
-59.9146, -15.1866

67.1252, -35.2555,
-15.7953

103.8127,
-43.1619, -16.1343

56.1276, -32.4339,
-15.5613

117.1775,
-45.6656, -16.1372

45.8064, -29.4771,
-15.2619

131.0712,
-48.1217, -16.0901

36.2091, -26.3439,
-14.8961

145.4744,
-50.5380, -15.9955

27.3953, -22.9723,
-14.4679

160.3696,
-52.9206, -15.8558

19.4420, -19.2633,
-13.9968

175.7411,

12.4548, -16.1006,

-55.2749, -15.6732

-13.5514

191.5746,
-57.6050, -15.4495

■ 5.6954, -9.9669,
-16.8779

0.0000, NaN, -NF

■ 78.7585, -37.9709,
-15.9677

■ 78.7585, -37.9709,
-15.9677

■ 78.4645, -37.8407,
-16.3867

■ 79.4934, -37.9280,
-14.9249

■ 80.4083, -37.1819,
-13.6284

■ 81.5305, -35.6406,
-12.0493

■ 82.8771, -33.2538,
-10.1758

■ 84.4588, -30.0038,
-8.0083

■ 86.2811, -25.8994,
-5.5563

■ 88.3458, -20.9704,
-2.8360

■ 90.6508, -15.2629,
0.1312

■ 93.1915, -8.8338,
3.3214

Harmonies

Analogous

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



78.7599, -41.6400, 6.2815



78.7585, -37.9709, -15.9677



78.7599, -25.5926, -36.7548

Triad

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



78.7599, -37.9708, -15.9665



78.7599, 33.8973, -20.4344



78.7599, -2.0708, 34.4819

Complementary

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



78.7585, -37.9709, -15.9677



44.5207, 72.0164, 28.2699

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.



78.7599, 19.7367, 30.8230



78.7585, -37.9709, -15.9677



78.7599, 41.8613, 2.2392

Square

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



78.7599, -37.9708, -15.9665



78.7599, 15.6650, -39.7861



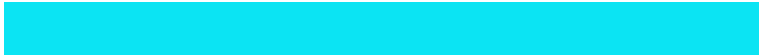
78.7599, 36.4210, 20.2752



78.7599, -22.2847, 32.0379

Rectangle

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



78.7585, -37.9709, -15.9677



78.7599, -13.3081, -44.9394



78.7599, 36.4210, 20.2752



78.7599, 5.3278, 33.9553

Sweetspot

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



78.7599, -37.9708, -15.9665



92.4968, -24.1375, -4.0696



80.1462, -68.2262, 47.6047



42.3656, -12.1847, -2.4473

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.7599, -37.9708, -15.9665



82.8653, -39.9518, -17.3299



43.4788, 16.2741, -88.5549



43.0853, -5.3853, 0.9382



58.1955, -28.1156, -12.0457



17.4097, -8.5280, -3.3511

Inverse Universe

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



49.8973, 95.4360, -54.8009



52.4052, 101.5820, -57.8908



61.1863, 27.7118, 37.8791



40.9252, 3.2465, -1.2161



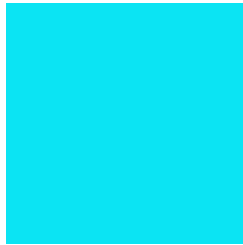
36.7672, 71.2884, -40.7636



10.9253, 21.2220, -12.4142

Previews

White Background



This preview shows how the HunterLab color 78.7585, -37.9709, -15.9677 looks on a white background.

Color Contrast Check

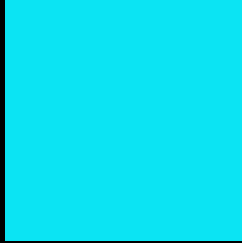
Large Text (above 18pt) WCAG AA × Fail

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 78.7585, -37.9709, -15.9677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

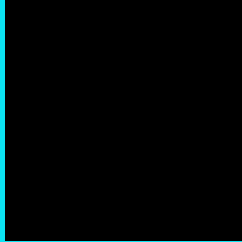
Any Text WCAG AA ✓ Pass

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 78.7585, -37.9709, -15.9677 Background



This preview shows how black text looks on a background with the HunterLab color 78.7585, -37.9709, -15.9677.



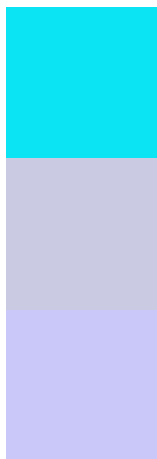
This preview shows how white text looks on a background with the HunterLab color 78.7585,

-37.9709, -15.9677.

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

78.7585, -37.9709, -15.9677

Protanopia

77.9836, -0.1004, -7.2010

Deuteranopia

77.9132, 5.9472, -20.0866



Tritanopia

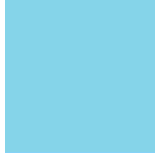
78.9374, -37.0411, -17.4952

Trichromacy



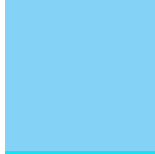
Original Color

78.7585, -37.9709, -15.9677



Protanomaly

76.1293, -20.8583, -13.4935



Deuteranomaly

76.0231, -16.7972, -22.0763



Tritanomaly

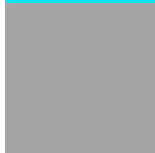
78.8720, -37.3736, -16.9923

Monochromacy



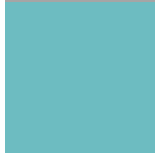
Original Color

78.7585, -37.9709, -15.9677



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

65.6261, -22.5971, -5.5381

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.7585, -37.9709, -15.9677 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(11, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(11, 228, 243)  
}
```

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(11, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 228, 243) }
```

Border

The CSS property to change the border of an element to HunterLab 78.7585, -37.9709, -15.9677 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(11, 228, 243) }
```


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

```
.border{ border-color:rgb(11, 228, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 228, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(11, 228,  
243) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.7585, -37.9709, -15.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 228, 243) }
```

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

```
.background{ background-color: rgb(11, 228,  
243) }
```

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