

Converting Colors

HunterLab(61.7357, -10.2171,
-52.9974)

Have a look what the booklet for
HunterLab(61.7357, -10.2171,
-52.9974) contains.

HunterLab(61.7357, -10.2171, -52.9974)	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(61.7357,
-10.2171, -52.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	1BAFFF
RGB	27, 175, 255
RGB Percent	11%, 69%, 100%
CMY	0.8940, 0.3137, 0.0000
CMYK	0.89, 0.31, 0.00, 0.00
HSL	201°, 100%, 55%
HSV	201°, 89%, 100%
XYZ	33.8320, 38.1130, 100.1811
YIQ	139.8680, -113.8880, -6.4960

Conversions

Conversions Part 2

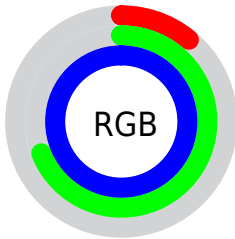
Format	Color
R _Y B	27, 117, 255
Decimal	1814527
CIE Lab	68.10, -8.17, -49.52
CIE LCh	68, 50.184, 260.636
Yxy	38.1141, 0.1966, 0.2214
Android (android.graphics.Color)	4280004607 (0xFF1BAFFF)
YUV	139.8680, 56.7601, -98.9852
Hunter-Lab	61.7357, -10.2171, -52.9974

Details

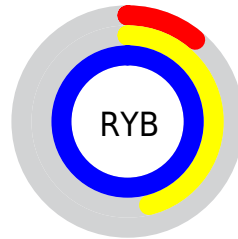
The HunterLab color **61.7357, -10.2171, -52.9974** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **56.4464, 48.8965, 34.5465**, and the grayscale version is **50.9759, -2.7199, 2.7696**.

A 20% lighter version of the original color is **82.2588, -27.1690, -17.9789**, and **42.7120, -2.5469, -47.8883** is the 20% darker color. If you saturate the color by 10%, you get **58.7552, -6.4700, -59.3776**, and if you desaturate by 10%, it is **64.9806, -13.1104, -46.5114**.

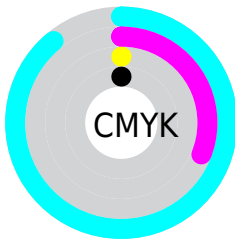
Distribution



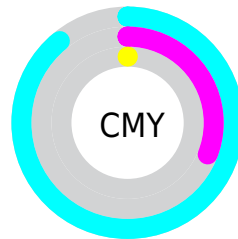
- Red (11%)
- Green (69%)
- Blue (100%)



- Red (11%)
- Yellow (46%)
- Blue (100%)



- Cyan (89%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7357, -10.2171, -52.9974 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 61.7357, -10.2171, -52.9974 by changing the saturation by 10% instead.

■ 61.7357, -10.2171,
-52.9974

■ 61.7357, -10.2171,
-52.9974

183.8775,
-19.8934, -58.9557

■ 51.0601, -9.2021,
-52.3153

■ 85.0194, -12.2725,
-54.4787

■ 41.0816, -8.1922,
-51.7615

■ 97.5592, -13.3181,
-55.2180

■ 31.8541, -7.1814,
-51.4698

■ 110.6611,
-14.3771, -55.9336

■ 23.4444, -6.1603,
-51.7200

■ 124.3022,
-15.4502, -56.6172

■ 15.9417, -5.1125,
-53.1694

■ 138.4618,
-16.5381, -57.2635

■ 9.4725, -4.2628,
-57.7252

153.1217,

0.0000, NaN, -NF

-17.6411, -57.8696

0.0000, NaN, -NF

168.2652,
-18.7595, -58.4339

0.0000, NaN, -NF

■ 61.7357, -10.2171,
-52.9974

■ 61.7357, -10.2171,
-52.9974

■ 58.7552, -6.4700,
-59.3776

■ 64.9806, -13.1104,
-46.5114

■ 58.5799, -6.2318,
-59.7671

■ 68.5102, -15.0430,
-39.9229

■ 72.3222, -16.0164,
-33.2756

■ 76.4051, -16.0737,
-26.6161

■ 80.7436, -15.2802,
-19.9840

■ 85.3211, -13.7115,
-13.4090

■ 90.1202, -11.4452,
-6.9111

■ 95.1244, -8.5562,
-0.5026

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



61.7367, -28.5347, -37.9544



61.7357, -10.2171, -52.9974



61.7367, 12.7931, -49.2593

Triad

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



61.7367, -10.2165, -52.9954



61.7367, 42.9116, 16.2375



61.7367, -33.4568, 24.2657

Complementary

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



61.7357, -10.2171, -52.9974



56.4464, 48.8965, 34.5465

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.



61.7367, -17.8920, 30.8968



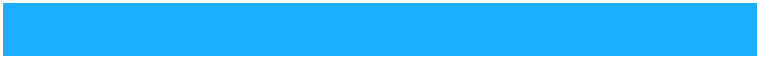
61.7357, -10.2171, -52.9974



61.7367, 26.7844, 27.5557

Square

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



61.7367, -10.2165, -52.9954



61.7367, 45.7507, -3.7582



61.7367, 3.9405, 31.8337



61.7367, -40.6212, 9.7210

Rectangle

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



61.7357, -10.2171, -52.9974



61.7367, 27.6620, -37.0090



61.7367, 3.9405, 31.8337



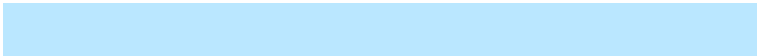
61.7367, -29.1489, 27.2367

Sweetspot

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



61.7367, -10.2165, -52.9954



86.4520, -13.2288, -11.8436



85.3296, -68.0410, 41.7571



39.2532, -6.4327, -6.5115

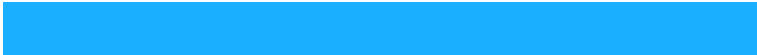
0.0000, NaN, NaN



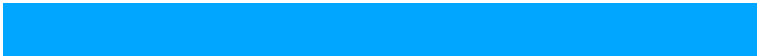
46.2646, -2.4686, 2.5136

Same Dimension

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



61.7367, -10.2165, -52.9954



58.5799, -6.2318, -59.7671



32.8873, 51.9989, -149.3858



43.9836, -3.9742, -0.2641



42.6871, -5.0532, -42.4468



14.0695, -2.7441, -11.6620

Inverse Universe

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



50.1406, 88.0137, -15.5220



48.9851, 89.4723, -11.6326



85.4105, -8.9360, 51.7518



42.6447, 2.8334, 0.2622



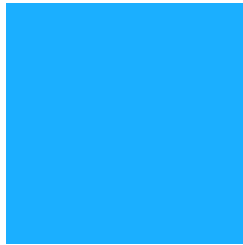
35.4506, 64.8248, -8.9877



11.1552, 20.5625, -4.1012

Previews

White Background



This preview shows how the HunterLab color 61.7357, -10.2171, -52.9974 looks on a white background.

Color Contrast Check

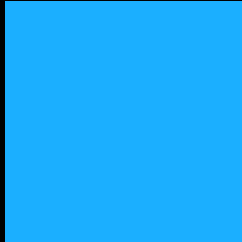
Large Text (above 18pt) WCAG AA × Fail

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 61.7357, -10.2171, -52.9974 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

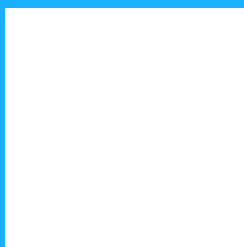
Any Text WCAG AAA ✓ Pass

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

HunterLab 61.7357, -10.2171, -52.9974 Background



This preview shows how black text looks on a background with the HunterLab color 61.7357, -10.2171, -52.9974.



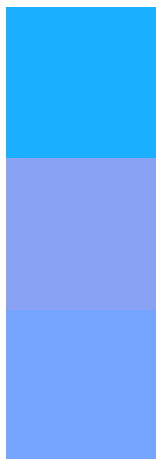
This preview shows how white text looks on a background with the HunterLab color 61.7357, -10.2171, -52.9974.

-10.2171, -52.9974.

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

61.7357, -10.2171, -52.9974

Protanopia

61.3927, 7.6012, -44.6935

Deuteranopia

61.5729, 4.8484, -53.0743



Tritanopia

61.5615, -29.4116, -13.4552

Trichromacy



Original Color

61.7357, -10.2171, -52.9974

Protanomaly

60.7916, -1.5848, -49.1817

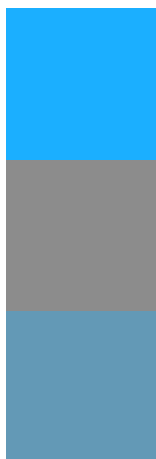
Deuteranomaly

61.2215, -2.4833, -53.9419

Tritanomaly

61.4565, -23.0242, -26.5253

Monochromacy



Original Color

61.7357, -10.2171, -52.9974

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

53.6773, -10.8650, -15.9981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7357, -10.2171, -52.9974 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(27, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(27, 175, 255)  
}
```

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(27, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 175, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7357, -10.2171, -52.9974 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(27, 175, 255) }
```


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

```
.border{ border-color:rgb(27, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(27, 175,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7357, -10.2171, -52.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 175, 255) }
```

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

```
.background{ background-color: rgb(27, 175,  
255) }
```

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