

Converting Colors

HunterLab(77.0138, -34.9125,
-16.5094)

Have a look what the booklet for
HunterLab(77.0138, -34.9125,
-16.5094) contains.

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Color

**HunterLab(76.9013,
-34.7172, -16.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	2FDEF0
RGB	47, 222, 240
RGB Percent	18%, 87%, 94%
CMY	0.8156, 0.1294, 0.0588
CMYK	0.80, 0.07, 0.00, 0.06
HSL	186°, 87%, 56%
HSV	186°, 80%, 94%
XYZ	43.0217, 59.1381, 91.5853
YIQ	171.7270, -110.0780, -31.5020

Conversions

Conversions Part 2

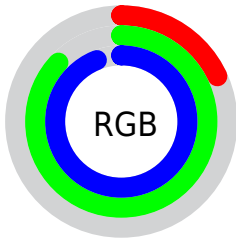
Format	Color
R _Y B	47, 139, 240
Decimal	3137264
CIE Lab	81.37, -35.79, -20.92
CIE LCh	81, 41.450, 210.306
Yxy	59.1403, 0.2221, 0.3052
Android (android.graphics.Color)	4281327344 (0xFF2FDEF0)
YUV	171.7270, 33.6586, -109.3856
Hunter-Lab	76.9013, -34.7172, -16.7803

Details

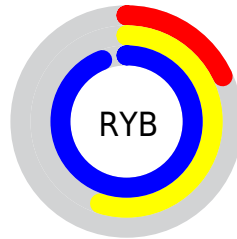
The HunterLab color **76.9013, -34.7172, -16.7803** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **47.4481, 61.2020, 26.9460**, and the grayscale version is **64.0170, -3.4158, 3.4782**.

A 20% lighter version of the original color is **91.2425, -37.2821, -5.9062**, and **55.4375, -25.2519, -14.7805** is the 20% darker color. If you saturate the color by 10%, you get **75.8529, -34.8159, -18.3073**, and if you desaturate by 10%, it is **78.1491, -33.8651, -14.9826**.

Distribution



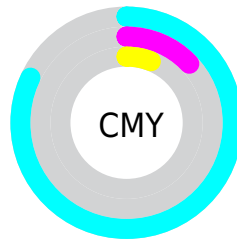
- Red (18%)
- Green (87%)
- Blue (94%)



- Red (18%)
- Yellow (55%)
- Blue (94%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (82%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.9013, -34.7172, -16.7803 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 76.9013, -34.7172, -16.7803 by changing the saturation by 10% instead.

76.9013, -34.7172,
-16.7803

76.9013, -34.7172,
-16.7803

205.2855,
-55.2406, -16.2707

65.3652, -32.1965,
-16.5741

101.7750,
-39.5473, -17.0125

54.4704, -29.5812,
-16.3061

115.0553,
-41.8825, -17.0471

44.2588, -26.8443,
-15.9731

128.8678,
-44.1769, -17.0308

34.7796, -23.9470,
-15.5755

143.1926,
-46.4374, -16.9663

26.0945, -20.8304,
-15.1208

158.0121,
-48.6697, -16.8560

18.2841, -17.3989,
-14.6370

173.3102,

11.4602, -15.0298,

-50.8786, -16.7020

-14.2201

189.0724,
-53.0678, -16.5063

■ 3.8925, -6.8119,
-24.5537

0.0000, NaN, -NF

■ 76.9013, -34.7172,
-16.7803

■ 76.9013, -34.7172,
-16.7803

■ 75.8529, -34.8159,
-18.3073

■ 78.1491, -33.8651,
-14.9826

■ 74.9909, -34.3542,
-19.5712

■ 79.6110, -32.1972,
-12.9039

■ 81.3002, -29.6870,
-10.5435

■ 83.2226, -26.3368,
-7.9116

85.3797, -22.1715,
-5.0256

87.7696, -17.2324,
-1.9077

90.3875, -11.5728,
1.4175

93.2267, -5.2528,
4.9246

95.4692, -1.1069,
7.6105

Harmonies

Analogous

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



76.9027, -39.0723, 3.9891



76.9013, -34.7172, -16.7803



76.9027, -22.3353, -35.1006

Triad

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



76.9027, -34.7172, -16.7791



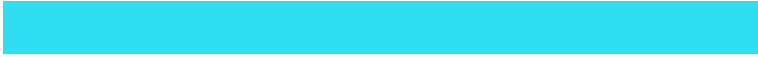
76.9027, 32.4373, -16.3491



76.9027, -4.3141, 32.6271

Complementary

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



76.9013, -34.7172, -16.7803



47.4481, 61.2020, 26.9460

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.



76.9027, 15.9941, 29.7691



76.9013, -34.7172, -16.7803



76.9027, 38.4930, 4.3825

Square

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



76.9027, -34.7172, -16.7791



76.9027, 16.3885, -34.8108



76.9027, 32.1937, 20.5269



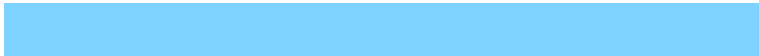
76.9027, -22.6589, 29.6476

Rectangle

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



76.9013, -34.7172, -16.7803



76.9027, -10.5089, -41.6008



76.9027, 32.1937, 20.5269



76.9027, 2.5105, 32.3282

Sweetspot

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



76.9027, -34.7172, -16.7791



93.0565, -20.4943, -3.2962



79.5523, -64.6469, 44.3723



42.6306, -10.3510, -2.0757

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.9027, -34.7172, -16.7791



80.6811, -37.0271, -20.4572



47.1014, 10.5949, -74.5630



42.0263, -5.1044, 0.8057



55.5789, -25.5374, -14.3408



16.2562, -7.6478, -3.8094

Inverse Universe

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



50.8272, 87.1325, -47.7714



52.2659, 99.5834, -52.7976



66.1294, 16.3996, 38.6229



40.0056, 3.1068, -1.0353



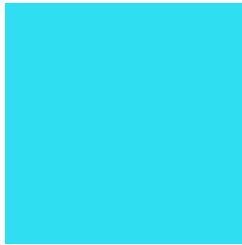
35.9329, 69.2467, -36.5520



10.3995, 20.0965, -11.0093

Previews

White Background



This preview shows how the HunterLab color 76.9013, -34.7172, -16.7803 looks on a white background.

Color Contrast Check

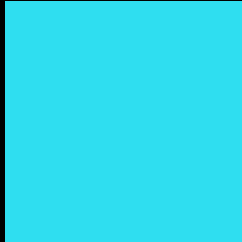
Large Text (above 18pt) WCAG AA × Fail

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 76.9013, -34.7172, -16.7803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

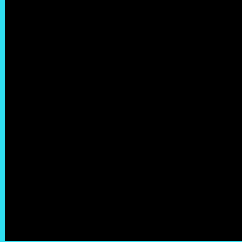
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

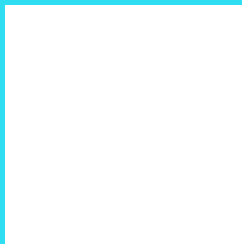
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.9013, -34.7172, -16.7803 Background



This preview shows how black text looks on a background with the HunterLab color 76.9013, -34.7172, -16.7803.



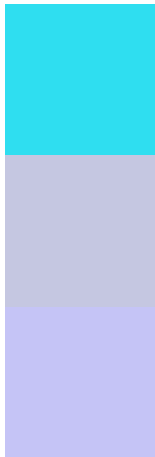
This preview shows how white text looks on a background with the HunterLab color 76.9013,

-34.7172, -16.7803.

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

76.9013, -34.7172, -16.7803

Protanopia

76.2584, 0.0628, -8.3926

Deuteranopia

76.1604, 5.9385, -20.8419



Tritanopia

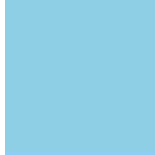
76.9013, -34.7172, -16.7803

Trichromacy



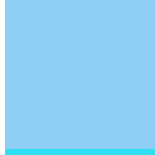
Original Color

76.9013, -34.7172, -16.7803



Protanomaly

74.8930, -17.2528, -13.4195



Deuteranomaly

74.7964, -13.2028, -21.9862



Tritanomaly

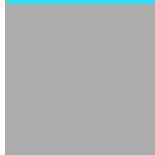
76.9013, -34.7172, -16.7803

Monochromacy



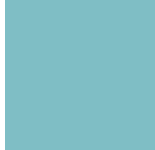
Original Color

76.9013, -34.7172, -16.7803



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

67.3574, -19.1774, -5.3271

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.9013, -34.7172, -16.7803 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(47, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(47, 222, 240)  
}
```

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(47, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 222, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 76.9013, -34.7172, -16.7803 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(47, 222, 240) }
```


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

```
.border{ border-color:rgb(47, 222, 240) }
```

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

Here you see how a box with a 4 pixel rgb(47, 222, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(47, 222,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.9013, -34.7172, -16.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 222, 240) }
```

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

```
.background{ background-color: rgb(47, 222,  
240) }
```

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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