

# Converting Colors

HunterLab(83.0154, -18.6569,  
-10.2509)

Have a look what the booklet for  
HunterLab(83.0154, -18.6569,  
-10.2509) contains.

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# Color

**HunterLab(82.9559,  
-18.5743, -10.3793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4E2F4
RGB	164, 226, 244
RGB Percent	64%, 89%, 96%
CMY	0.3568, 0.1137, 0.0431
CMYK	0.33, 0.07, 0.00, 0.04
HSL	193°, 78%, 80%
HSV	193°, 33%, 96%
XYZ	58.8353, 68.8168, 95.7700
YIQ	209.5140, -42.7300, -7.5460

# Conversions

## Conversions Part 2

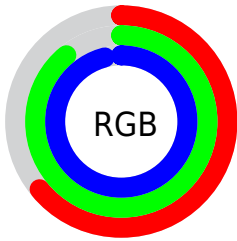
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 199, 244</a>
Decimal	<a href="#">10806004</a>
CIELab	<a href="#">86.41, -15.31, -15.05</a>
CIELCh	<a href="#">86, 21.470, 224.503</a>
Yxy	<a href="#">68.8195, 0.2633, 0.3080</a>
Android (android.graphics.Color)	<a href="#">4288996084 (0xFFA4E2F4)</a>
YUV	<a href="#">209.5140, 17.0016, -39.9158</a>
Hunter-Lab	<a href="#">82.9559, -18.5743, -10.3793</a>

# Details

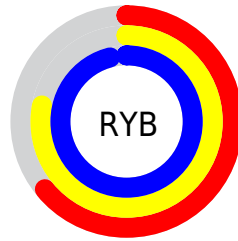
The HunterLab color **82.9559, -18.5743, -10.3793** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74.4110, 15.4813, 18.1366**, and the grayscale version is **80.0145, -4.2694, 4.3473**.

A 20% lighter version of the original color is **97.0114, -15.8939, 1.6788**, and **60.0066, -15.9298, -10.3119** is the 20% darker color. If you saturate the color by 10%, you get **79.7056, -21.2254, -14.9239**, and if you desaturate by 10%, it is **86.4308, -15.1918, -5.7203**.

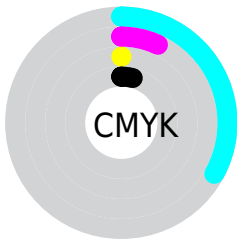
# Distribution



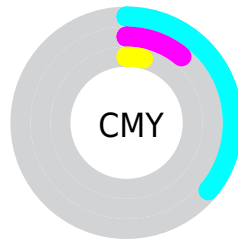
- Red (64%)
- Green (89%)
- Blue (96%)



- Red (64%)
- Yellow (78%)
- Blue (96%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (11%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.9559, -18.5743, -10.3793 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 82.9559, -18.5743, -10.3793 by changing the saturation by 10% instead.



82.9559, -18.5743,  
-10.3793

82.9559, -18.5743,  
-10.3793

213.6339,  
-31.1178, -8.0049

71.1089, -17.1831,  
-10.4042

108.4084,  
-21.3429, -10.1627

59.8852, -15.7791,  
-10.3709

121.9598,  
-22.7253, -9.9806

49.3233, -14.3560,  
-10.2733

136.0332,  
-24.1099, -9.7527

39.4678, -12.9035,  
-10.1062

150.6097,  
-25.4986, -9.4816

30.3733, -11.4062,  
-9.8647

165.6726,  
-26.8927, -9.1694

22.1099, -9.8391,  
-9.5466

181.2066,

14.7715, -8.1588,

-28.2934, -8.8181

-9.1603

197.1980,  
-29.7015, -8.4294

■ 8.4270, -8.3682,  
-8.9261

0.0000, NaN, -NF

■ 82.9559, -18.5743,  
-10.3793

■ 82.9559, -18.5743,  
-10.3793

■ 79.7056, -21.2254,  
-14.9239

■ 86.4308, -15.1918,  
-5.7203

■ 76.6839, -23.0863,  
-19.3272

■ 90.1149, -11.1370,  
-0.9789

■ 73.8988, -24.1135,  
-23.5554

■ 93.9984, -6.4740,  
3.8223

■ 71.3526, -24.2820,  
-27.5777

■ 97.4181, -3.5128,  
7.8764

■ 69.0416, -23.5963,  
-31.3703

■ 99.1601, -6.4124,  
9.8142

■ 66.9526, -22.1047,  
-34.9247

■ 99.6553, -7.2276,  
10.3593

■ 65.5540, -20.6415,  
-37.3779

# Harmonies

## Analogous

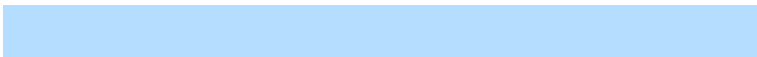
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9575, -23.3910, -0.5272



82.9559, -18.5743, -10.3793



82.9575, -9.8468, -16.6015

# Triad

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



82.9575, -18.5752, -10.3779



82.9575, 16.3006, -0.8753



82.9575, -9.5114, 21.2894

# Complementary

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



82.9559, -18.5743, -10.3793



74.4110, 15.4813, 18.1366

# 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.



82.9575, 1.1277, 21.2212



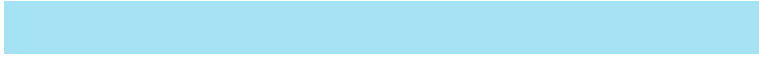
82.9559, -18.5743, -10.3793



82.9575, 16.4016, 9.2605

# Square

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



82.9575, -18.5752, -10.3779



82.9575, 10.4602, -10.6604



82.9575, 10.7296, 17.0750



82.9575, -18.3404, 17.2751



# Rectangle

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



82.9559, -18.5743, -10.3793



82.9575, -2.8123, -17.4155



82.9575, 10.7296, 17.0750



82.9575, -6.0371, 21.7254

# Sweetspot

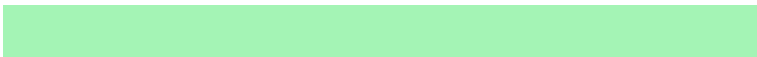
The Sweet Spot groups the original color and five complimentary colors.



82.9575, -18.5752, -10.3779



95.8512, -10.4159, 0.3599



87.1465, -37.7278, 23.1734



44.0830, -5.1267, -0.1615

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

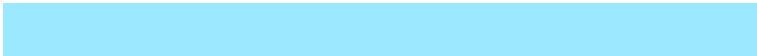


# Same Dimension

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



82.9575, -18.5752, -10.3779



85.0351, -21.3800, -13.9405



70.5870, 1.2441, -28.3740



42.5304, -4.4977, 0.2788



48.5596, -15.5296, -27.1713



14.9126, -5.3149, -7.1661



# Inverse Universe

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



71.6077, 35.0021, -14.8399



71.2377, 44.9892, -19.2449



85.9092, -4.9906, 28.6091



40.8666, 2.9329, -0.3840



35.3268, 66.2215, -21.5388

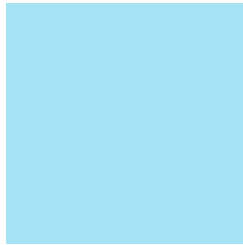


10.5458, 19.8899, -7.3710



# Previews

## White Background



This preview shows how the HunterLab color 82.9559, -18.5743, -10.3793 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

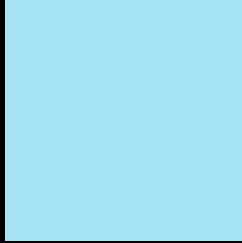
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.9559, -18.5743, -10.3793 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 82.9559, -18.5743, -10.3793 Background



This preview shows how black text looks on a background with the HunterLab color 82.9559, -18.5743, -10.3793.



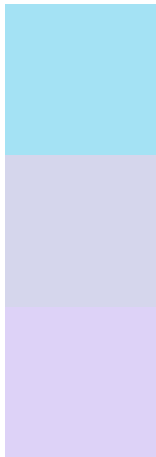
This preview shows how white text looks on a background with the HunterLab color 82.9559,

-18.5743, -10.3793.

# 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

82.9559, -18.5743, -10.3793

### Protanopia

82.6410, -0.7102, -6.0232

### Deuteranopia

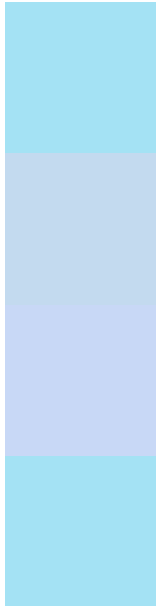
82.5716, 6.0746, -12.1981



## Tritanopia

82.9559, -18.5743, -10.3793

# Trichromacy



## Original Color

82.9559, -18.5743, -10.3793

## Protanomaly

82.4481, -7.5493, -8.0523

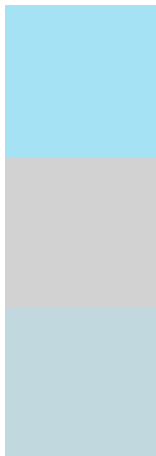
## Deuteranomaly

82.4893, -3.6805, -11.9027

## Tritanomaly

82.9559, -18.5743, -10.3793

# Monochromacy



## Original Color

82.9559, -18.5743, -10.3793

## Achromatopsia

80.2795, -4.2835, 4.3617

## Achromatomaly

81.0698, -10.3516, -0.7676

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.9559, -18.5743, -10.3793 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(164, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(164, 226, 244)  
}
```

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(164, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 226, 244) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.9559, -18.5743, -10.3793 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(164, 226, 244) }
```



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

```
.border{ border-color:rgb(164, 226, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 226, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(164, 226,  
244) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.9559, -18.5743, -10.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 226, 244) }
```

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

```
.background{ background-color: rgb(164,  
226, 244) }
```

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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