

# Converting Colors

HunterLab(86.8981, -20.7809,  
-11.3678)

Have a look what the booklet for  
HunterLab(86.8981, -20.7809,  
-11.3678) contains.

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# Color

**HunterLab(86.7859,  
-20.7113, -11.5192)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6ECFF
RGB	166, 236, 255
RGB Percent	65%, 93%, 100%
CMY	0.3490, 0.0745, 0.0000
CMYK	0.35, 0.07, 0.00, 0.00
HSL	193°, 100%, 83%
HSV	193°, 35%, 100%
XYZ	63.7714, 75.3179, 105.7844
YIQ	217.2360, -47.8190, -8.9310

# Conversions

## Conversions Part 2

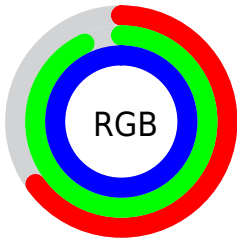
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	166, 205, 255
Decimal	10939647
CIE Lab	89.54, -17.20, -16.11
CIE LCh	90, 23.569, 223.134
Yxy	75.3208, 0.2604, 0.3076
Android (android.graphics.Color)	4289129727 (0xFFA6ECFF)
YUV	217.2360, 18.6177, -44.9340
Hunter-Lab	86.7859, -20.7113, -11.5192

# Details

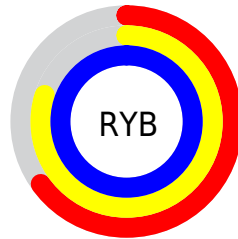
The HunterLab color **86.7859, -20.7113, -11.5192** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.6232, 18.4323, 19.6206**, and the grayscale version is **83.3395, -4.4468, 4.5280**.

A 20% lighter version of the original color is **97.1741, -15.3107, 1.8860**, and **63.2730, -17.7872, -11.3858** is the 20% darker color. If you saturate the color by 10%, you get **83.5140, -23.4570, -16.1155**, and if you desaturate by 10%, it is **90.2981, -17.1744, -6.7791**.

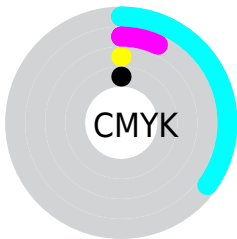
# Distribution



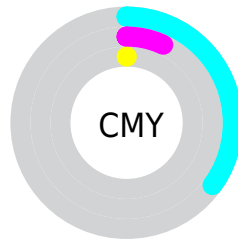
- Red (65%)
- Green (93%)
- Blue (100%)



- Red (65%)
- Yellow (80%)
- Blue (100%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.7859, -20.7113, -11.5192 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 86.7859, -20.7113, -11.5192 by changing the saturation by 10% instead.



86.7859, -20.7113,  
-11.5192

86.7859, -20.7113,  
-11.5192

218.8651,  
-33.9610, -9.3299

74.7501, -19.2277,  
-11.5231

112.5906,  
-23.6550, -11.3431

63.3272, -17.7271,  
-11.4702

126.3074,  
-25.1203, -11.1819

52.5539, -16.2028,  
-11.3538

140.5401,  
-26.5851, -10.9749

42.4720, -14.6442,  
-11.1695

155.2705,  
-28.0515, -10.7247

33.1328, -13.0353,  
-10.9128

170.4823,  
-29.5211, -10.4332

24.6006, -11.3513,  
-10.5819

186.1609,

16.9607, -9.5501,

-30.9952, -10.1024

-10.1846

202.2926,  
-32.4749, -9.7341

■ 10.3329, -7.9892,  
-9.7658

0.0000, NaN, -NF

■ 86.7859, -20.7113,  
-11.5192

■ 86.7859, -20.7113,  
-11.5192

■ 83.5140, -23.4570,  
-16.1155

■ 90.2981, -17.1744,  
-6.7791

■ 80.4858, -25.3525,  
-20.5418

■ 94.0354, -12.9063,  
-1.9326

■ 77.7079, -26.3580,  
-24.7625

■ 97.9880, -7.9746,  
2.9955

■ 75.1806, -26.4562,  
-28.7481

100.0000, -5.3358,  
5.4332

■ 72.8970, -25.6637,  
-32.4787

■ 70.8390, -24.0480,  
-35.9540

■ 69.8526, -22.9989,  
-37.6617

# Harmonies

## Analogous

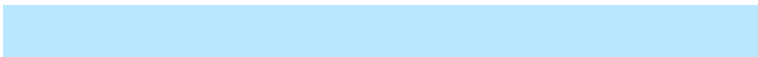
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7876, -25.8163, -0.3696



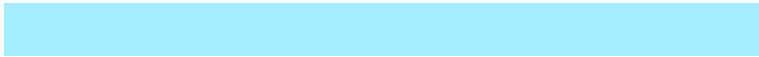
86.7859, -20.7113, -11.5192



86.7876, -11.1759, -18.7983

# Triad

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



86.7876, -20.7125, -11.5170



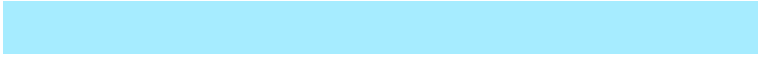
86.7876, 18.3689, -1.8325



86.7876, -9.7745, 23.3628

# Complementary

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



86.7859, -20.7113, -11.5192



76.6232, 18.4323, 19.6206

# 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.



86.7876, 2.1047, 23.0819



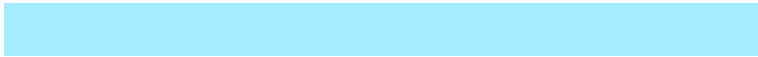
86.7859, -20.7113, -11.5192



86.7876, 18.7942, 9.5266

# Square

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



86.7876, -20.7125, -11.5170



86.7876, 11.5719, -12.7115



86.7876, 12.7044, 18.3291



86.7876, -19.7343, 19.1565



# Rectangle

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



86.7859, -20.7113, -11.5192



86.7876, -3.3808, -19.9456



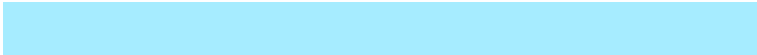
86.7876, 12.7044, 18.3291



86.7876, -5.8829, 23.7713

# Sweetspot

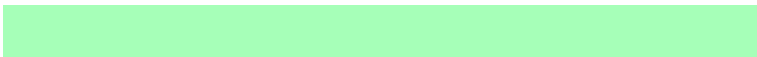
The Sweet Spot groups the original color and five complimentary colors.



86.7876, -20.7125, -11.5170



95.9462, -10.5683, 0.4737



91.1482, -41.7775, 26.0064



44.1332, -5.2069, -0.1010

0.0000, NaN, NaN

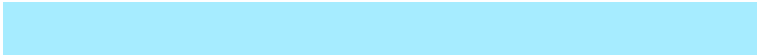


46.2646, -2.4686, 2.5136

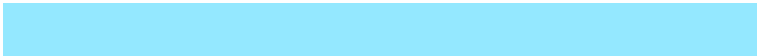


# Same Dimension

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



86.7876, -20.7125, -11.5170



84.4386, -22.7462, -14.7980



73.0316, 1.1995, -31.7837



44.4798, -4.7761, 0.3322



50.7172, -16.9345, -26.8353



16.3119, -5.9482, -7.5480



# Inverse Universe

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



73.8852, 39.8577, -17.4579



69.4569, 49.0934, -21.5995



89.2558, -4.3083, 30.9578



42.6967, 3.1115, -0.4755



36.5030, 68.5826, -23.4673

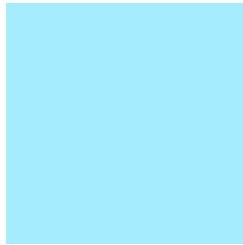


11.4593, 21.6447, -8.2567



# Previews

## White Background



This preview shows how the HunterLab color 86.7859, -20.7113, -11.5192 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

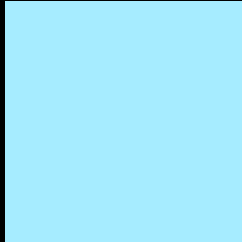
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.7859, -20.7113, -11.5192 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

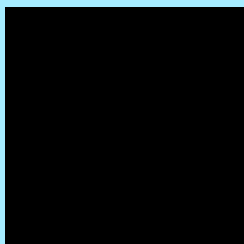
Any Text WCAG AA ✓ Pass

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 86.7859, -20.7113, -11.5192 Background



This preview shows how black text looks on a background with the HunterLab color 86.7859, -20.7113, -11.5192.



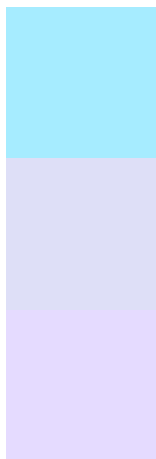
This preview shows how white text looks on a background with the HunterLab color 86.7859,

-20.7113, -11.5192.

# 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

86.7859, -20.7113, -11.5192

### Protanopia

86.6143, -0.5131, -6.8733

### Deuteranopia

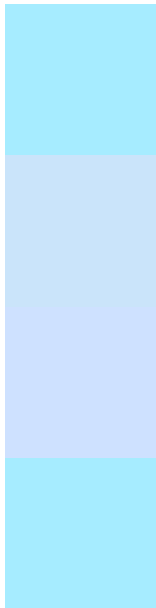
86.3372, 5.4068, -11.6744



## Tritanopia

86.7859, -20.7113, -11.5192

# Trichromacy



## Original Color

86.7859, -20.7113, -11.5192

## Protanomaly

86.5711, -8.4952, -8.7455

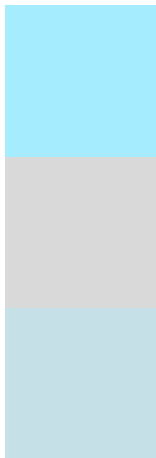
## Deuteranomaly

86.1349, -4.7843, -12.1300

## Tritanomaly

86.7859, -20.7113, -11.5192

# Monochromacy



## Original Color

86.7859, -20.7113, -11.5192

## Achromatopsia

83.2990, -4.4446, 4.5258

## Achromatomaly

84.3129, -11.2727, -1.4081

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.7859, -20.7113, -11.5192 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(166, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 236, 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(166, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 236, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.7859, -20.7113, -11.5192 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(166, 236, 255) }
```



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

```
.border{ border-color:rgb(166, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 236,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.7859, -20.7113, -11.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 236, 255) }
```

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

```
.background{ background-color: rgb(166,  
236, 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](#).

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