

# Converting Colors

HunterLab(87.0027, -12.1638,  
-11.0749)

Have a look what the booklet for  
HunterLab(87.0027, -12.1638,  
-11.0749) contains.

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# Color

**HunterLab(86.8609,  
-12.0363, -11.2653)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<b>BFE7FF</b>
RGB	191, 231, 255
RGB Percent	75%, 91%, 100%
CMY	0.2510, 0.0941, 0.0000
CMYK	0.25, 0.09, 0.00, 0.00
HSL	202°, 100%, 87%
HSV	202°, 25%, 100%
XYZ	68.1117, 75.4482, 105.5808
YIQ	221.7760, -31.5440, -1.0160

# Conversions

## Conversions Part 2

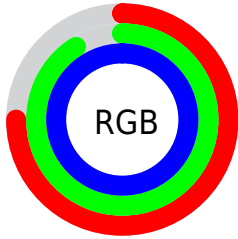
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 216, 255
Decimal	12576767
CIE <sub>Lab</sub>	89.60, -7.75, -15.88
CIE <sub>LCh</sub>	90, 17.671, 243.994
Yxy	75.4511, 0.2734, 0.3028
Android (android.graphics.Color)	4290766847 (0xFFBFE7FF)
YUV	221.7760, 16.3794, -26.9906
Hunter-Lab	86.8609, -12.0363, -11.2653

# Details

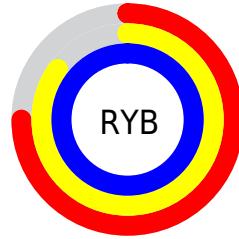
The HunterLab color  $86.8609, -12.0363, -11.2653$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $85.8032, 5.7544, 18.9115$ , and the grayscale version is  $85.3121, -4.5520, 4.6352$ .

A 20% lighter version of the original color is  $99.3461, -7.6179, 4.6211$ , and  $63.2229, -9.9136, -11.3185$  is the 20% darker color. If you saturate the color by 10%, you get  $81.9882, -13.6226, -18.1335$ , and if you desaturate by 10%, it is  $91.9508, -9.7974, -4.5151$ .

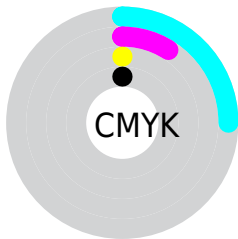
# Distribution



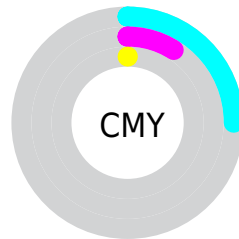
- Red (75%)
- Green (91%)
- Blue (100%)



- Red (75%)
- Yellow (85%)
- Blue (100%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.8609, -12.0363, -11.2653 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 86.8609, -12.0363, -11.2653 by changing the saturation by 10% instead.



86.8609, -12.0363,  
-11.2653

86.8609, -12.0363,  
-11.2653

218.9673,  
-21.8437, -9.0072

74.8215, -11.0231,  
-11.2777

112.6724,  
-14.1085, -11.0726

63.3947, -10.0204,  
-11.2335

126.3925,  
-15.1662, -10.9034

52.6174, -9.0278,  
-11.1261

140.6282,  
-16.2393, -10.6887

42.5312, -8.0422,  
-10.9506

155.3616,  
-17.3281, -10.4308

33.1872, -7.0588,  
-10.7027

170.5763,  
-18.4329, -10.1319

24.6499, -6.0697,  
-10.3801

186.2577,

17.0043, -5.0611,

-19.5538, -9.7938

-9.9893

202.3921,  
-20.6907, -9.4184

■ 10.3698, -4.0082,  
-9.5722

0.0000, NaN, -NF

■ 86.8609, -12.0363,  
-11.2653

■ 86.8609, -12.0363,  
-11.2653

■ 81.9882, -13.6226,  
-18.1335

■ 91.9508, -9.7974,  
-4.5151

■ 77.3458, -14.4724,  
-25.1154

■ 97.2357, -6.9757,  
2.1065

■ 72.9542, -14.5056,  
-32.1878

100.0000, -5.3358,  
5.4332

■ 68.8316, -13.6454,  
-39.3182

■ 64.9942, -11.8300,  
-46.4626

■ 61.4527, -9.0287,  
-53.5693

■ 58.2066, -5.2683,  
-60.5942

■ 56.7011, -3.1628,  
-64.0439

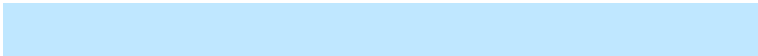
# Harmonies

## Analogous

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



86.8626, -18.4166, -4.9047



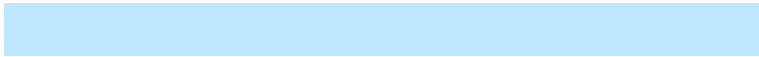
86.8609, -12.0363, -11.2653



86.8626, -3.4408, -13.1873

# Triad

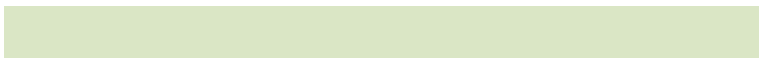
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8626, -12.0378, -11.2630



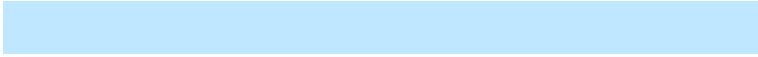
86.8626, 13.1541, 5.8576



86.8626, -14.0288, 17.2050

# Complementary

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



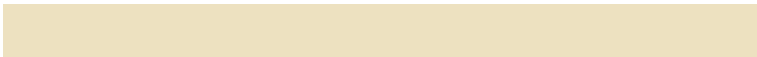
86.8609, -12.0363, -11.2653



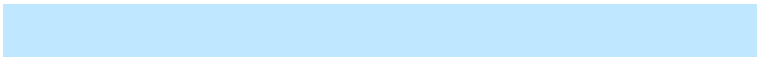
85.8032, 5.7544, 18.9115

# 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.



86.8626, -5.8315, 19.4897



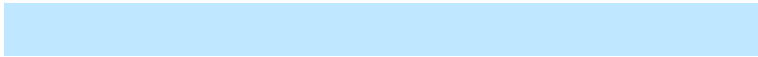
86.8609, -12.0363, -11.2653



86.8626, 10.0538, 13.3703

# Square

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



86.8626, -12.0378, -11.2630



86.8626, 11.3307, -2.7398



86.8626, 3.0151, 18.1594

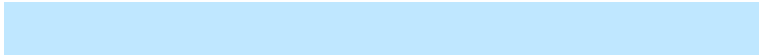


86.8626, -19.5331, 11.5869



# Rectangle

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



86.8609, -12.0363, -11.2653



86.8626, 2.4506, -11.5499



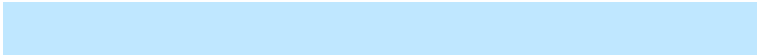
86.8626, 3.0151, 18.1594



86.8626, -11.5091, 18.3610

# Sweetspot

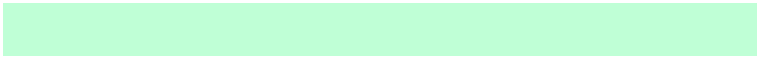
The Sweet Spot groups the original color and five complimentary colors.



86.8626, -12.0378, -11.2630



95.6821, -7.8507, 0.1971



93.5285, -31.1400, 16.5583



43.8973, -3.8338, -0.3685

0.0000, NaN, NaN

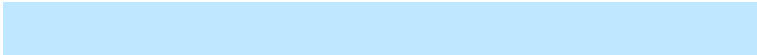


46.2646, -2.4686, 2.5136

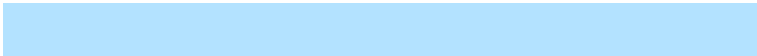


# Same Dimension

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



86.8626, -12.0378, -11.2630



84.4448, -12.9016, -14.6169



77.0653, 4.3022, -25.2236



43.8973, -3.8338, -0.3685



41.3467, -2.8810, -45.4606



13.6917, -2.1629, -12.4443



# Inverse Universe

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



80.1827, 25.0752, -6.0576



76.6867, 31.1338, -8.0062



95.5080, -10.6285, 28.0658



42.6358, 2.7853, 0.3900



35.2899, 64.2461, -6.7391

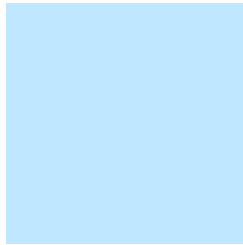


11.1076, 20.3920, -3.4414



# Previews

## White Background



This preview shows how the HunterLab color 86.8609, -12.0363, -11.2653 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

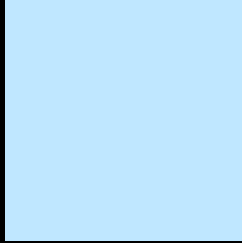
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.8609, -12.0363, -11.2653 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

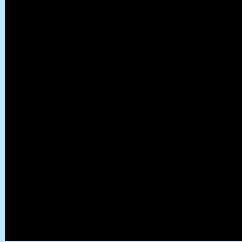
Any Text WCAG AA ✓ Pass

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 86.8609, -12.0363, -11.2653 Background



This preview shows how black text looks on a background with the HunterLab color 86.8609, -12.0363, -11.2653.



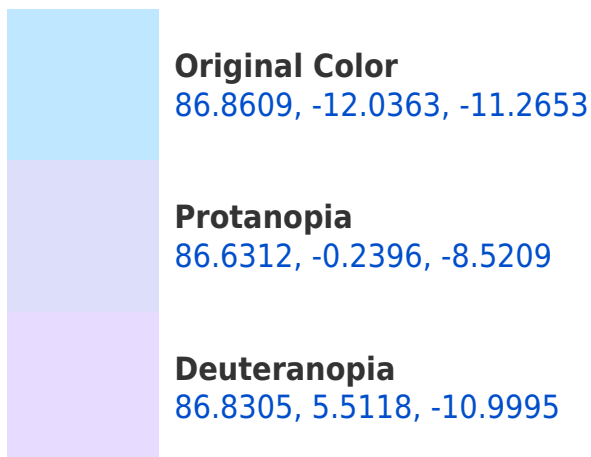
This preview shows how white text looks on a background with the HunterLab color 86.8609,

-12.0363, -11.2653.

# 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

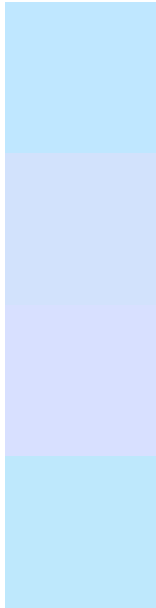




## Tritanopia

86.9267, -13.8274, -8.3663

# Trichromacy



## Original Color

86.8609, -12.0363, -11.2653

## Protanomaly

86.6733, -4.7455, -9.6745

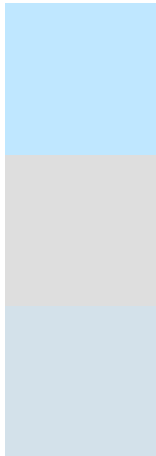
## Deuteranomaly

86.6777, -1.3026, -11.3268

## Tritanomaly

86.9992, -13.4226, -9.3896

# Monochromacy



## Original Color

86.8609, -12.0363, -11.2653

## Achromatopsia

85.4670, -4.5603, 4.6436

## Achromatomaly

85.8136, -7.3956, -1.0337

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.8609, -12.0363, -11.2653 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(191, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 231, 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(191, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 231, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.8609, -12.0363, -11.2653 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(191, 231, 255) }
```



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

```
.border{ border-color:rgb(191, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 231,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.8609, -12.0363, -11.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 231, 255) }
```

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

```
.background{ background-color: rgb(191,  
231, 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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