

# Converting Colors

HunterLab(86.9487, -13.0465,  
-11.1637)

Have a look what the booklet for  
HunterLab(86.9487, -13.0465,  
-11.1637) contains.

<b>HunterLab(87.0356, -13.0720, -11.0461)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(87.0356,  
-13.0720, -11.0461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE8FF
RGB	189, 232, 255
RGB Percent	74%, 91%, 100%
CMY	0.2588, 0.0902, 0.0000
CMYK	0.26, 0.09, 0.00, 0.00
HSL	201°, 100%, 87%
HSV	201°, 26%, 100%
XYZ	67.8928, 75.7520, 105.6509
YIQ	221.7650, -33.0110, -1.9630

# Conversions

## Conversions Part 2

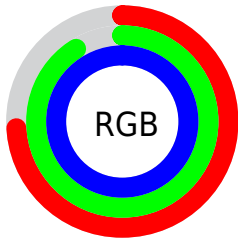
Format	Color
R <sub>Y</sub> B	189, 215, 255
Decimal	12445951
CIE Lab	89.75, -8.84, -15.68
CIE LCh	90, 18.001, 240.594
Yxy	75.7549, 0.2723, 0.3039
Android (android.graphics.Color)	4290636031 (0xFFBDE8FF)
YUV	221.7650, 16.3849, -28.7349
Hunter-Lab	87.0356, -13.0720, -11.0461

# Details

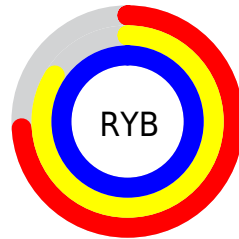
The HunterLab color  $87.0356, -13.0720, -11.0461$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $84.8649, 7.0681, 18.7805$ , and the grayscale version is  $85.3078, -4.5518, 4.6349$ .

A 20% lighter version of the original color is  $99.1629, -8.2600, 4.3927$ , and  $63.4005, -10.8624, -11.0854$  is the 20% darker color. If you saturate the color by 10%, you get  $82.4008, -14.9265, -17.5596$ , and if you desaturate by 10%, it is  $91.8897, -10.5486, -4.6065$ .

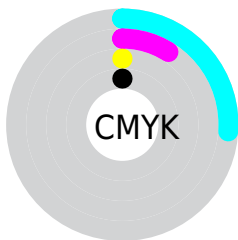
# Distribution



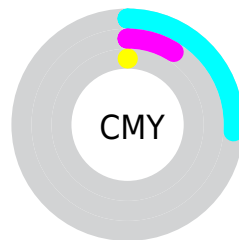
- Red (74%)
- Green (91%)
- Blue (100%)



- Red (74%)
- Yellow (84%)
- Blue (100%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0356, -13.0720, -11.0461 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 87.0356, -13.0720, -11.0461 by changing the saturation by 10% instead.



87.0356, -13.0720,  
-11.0461

87.0356, -13.0720,  
-11.0461

219.2050,  
-23.2733, -8.7252

74.9877, -12.0053,  
-11.0665

112.8629,  
-15.2436, -10.8382

63.5520, -10.9462,  
-11.0304

126.5904,  
-16.3478, -10.6618

52.7652, -9.8935,  
-10.9312

140.8333,  
-17.4657, -10.4399

42.6689, -8.8433,  
-10.7642

155.5736,  
-18.5978, -10.1750

33.3140, -7.7897,  
-10.5246

170.7951,  
-19.7444, -9.8693

24.7648, -6.7232,  
-10.2099

186.4829,

17.1058, -5.6270,

-20.9058, -9.5247

-9.8254

202.6237,  
-22.0821, -9.1428

■ 10.4559, -4.4753,  
-9.4099

0.0000, NaN, -NF

■ 87.0356, -13.0720,  
-11.0461

■ 87.0356, -13.0720,  
-11.0461

■ 82.4008, -14.9265,  
-17.5596

■ 91.8897, -10.5486,  
-4.6065

■ 77.9970, -16.0310,  
-24.1360

■ 96.9417, -7.4251,  
1.7425

■ 73.8429, -16.3103,  
-30.7464

100.0000, -5.3358,  
5.4332

■ 69.9543, -15.6950,  
-37.3544

■ 66.3438, -14.1332,  
-43.9155

■ 63.0181, -11.6066,  
-50.3825

■ 59.9714, -8.1554,  
-56.7215

■ 58.7765, -6.5476,  
-59.3311

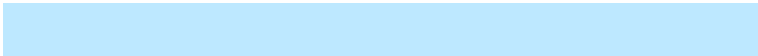
# Harmonies

## Analogous

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



87.0373, -19.2026, -4.1656



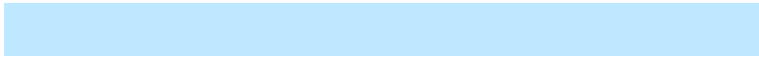
87.0356, -13.0720, -11.0461



87.0373, -4.4673, -13.6015

# Triad

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



87.0373, -13.0734, -11.0439



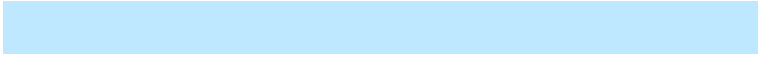
87.0373, 13.5458, 4.9101



87.0373, -13.3753, 17.8808

# Complementary

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



87.0356, -13.0720, -11.0461



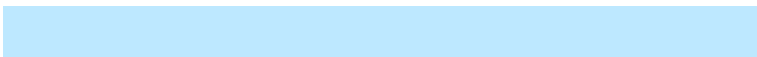
84.8649, 7.0681, 18.7805

# Split Complementary

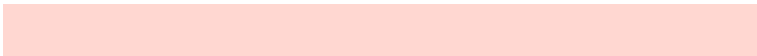
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0373, -4.8301, 19.7908



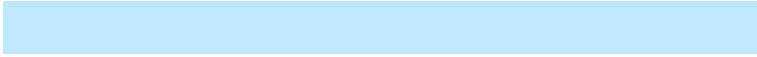
87.0356, -13.0720, -11.0461



87.0373, 10.9290, 12.7896

# Square

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



87.0373, -13.0734, -11.0439



87.0373, 11.1231, -3.8365



87.0373, 4.1091, 18.0251

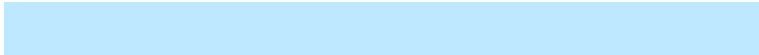


87.0373, -19.3718, 12.5195



# Rectangle

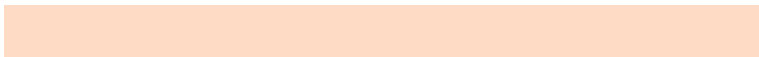
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



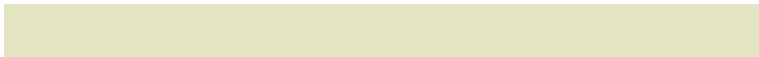
87.0356, -13.0720, -11.0461



87.0373, 1.5911, -12.3260



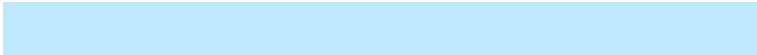
87.0373, 4.1091, 18.0251



87.0373, -10.7176, 18.9215

# Sweetspot

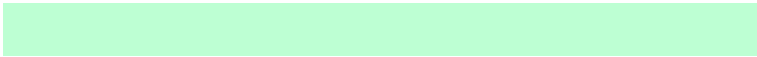
The Sweet Spot groups the original color and five complimentary colors.



87.0373, -13.0734, -11.0439



95.8554, -8.1335, 0.4050



93.2965, -32.2012, 17.7597



43.9926, -3.9888, -0.2532

0.0000, NaN, NaN

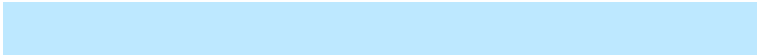


46.2646, -2.4686, 2.5136

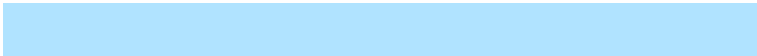


# Same Dimension

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



87.0373, -13.0734, -11.0439



84.6359, -14.1107, -14.3703



77.0382, 3.4910, -25.2801



43.9926, -3.9888, -0.2532



42.8273, -5.2768, -42.1394



14.1090, -2.8040, -11.5820



# Inverse Universe

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



79.6762, 26.3600, -7.2552



76.0673, 32.7491, -9.4564



94.6762, -9.6190, 28.0199



42.6457, 2.8384, 0.2490



35.4677, 64.8862, -9.2259

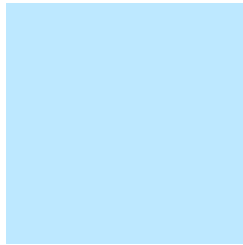


11.1602, 20.5805, -4.1708



# Previews

## White Background



This preview shows how the HunterLab color 87.0356, -13.0720, -11.0461 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

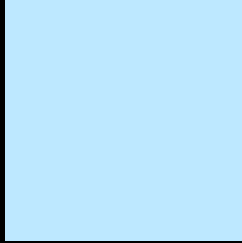
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.0356, -13.0720, -11.0461 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

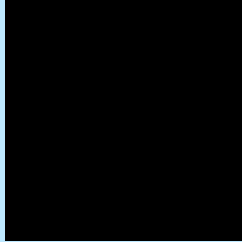
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

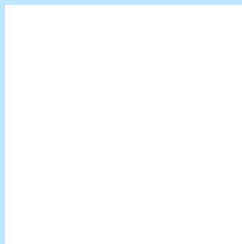
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.0356, -13.0720, -11.0461 Background



This preview shows how black text looks on a background with the HunterLab color 87.0356, -13.0720, -11.0461.



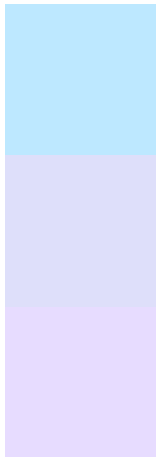
This preview shows how white text looks on a background with the HunterLab color 87.0356, -13.0720, -11.0461.

-13.0720, -11.0461.

# 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

87.0356, -13.0720, -11.0461

### Protanopia

86.7220, 0.0716, -8.3947

### Deuteranopia

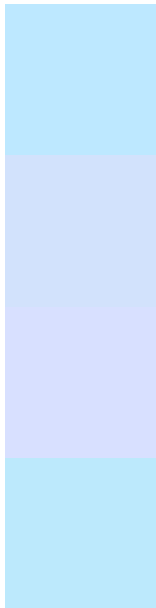
86.8305, 5.5118, -10.9995



## Tritanopia

87.1402, -14.6560, -8.6589

# Trichromacy



## Original Color

87.0356, -13.0720, -11.0461

## Protanomaly

86.6733, -4.7455, -9.6745

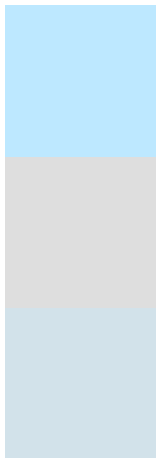
## Deuteranomaly

86.6777, -1.3026, -11.3268

## Tritanomaly

87.1765, -14.4531, -9.1707

# Monochromacy



## Original Color

87.0356, -13.0720, -11.0461

## Achromatopsia

85.4670, -4.5603, 4.6436

## Achromatomaly

86.0435, -8.2094, -0.7626

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0356, -13.0720, -11.0461 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(189, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 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(189, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0356, -13.0720, -11.0461 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(189, 232, 255) }
```



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

```
.border{ border-color:rgb(189, 232, 255) }
```

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

Here you see how a box with a 4 pixel rgb(189, 232, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0356, -13.0720, -11.0461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 255) }
```

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

```
.background{ background-color: rgb(189,  
232, 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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