

# Converting Colors

HunterLab(84.2831, -11.8472,  
-14.8256)

Have a look what the booklet for  
HunterLab(84.2831, -11.8472,  
-14.8256) contains.

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# Color

**HunterLab(84.1987,  
-11.6023, -14.9400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E1FF
RGB	181, 225, 255
RGB Percent	71%, 88%, 100%
CMY	0.2902, 0.1176, 0.0000
CMYK	0.29, 0.12, 0.00, 0.00
HSL	204°, 100%, 85%
HSV	204°, 29%, 100%
XYZ	64.0313, 70.8942, 104.9169
YIQ	215.2640, -35.8540, 0.0020

# Conversions

## Conversions Part 2

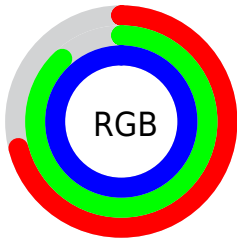
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 209, 255
Decimal	11919871
CIE Lab	87.43, -7.52, -19.21
CIE LCh	87, 20.625, 248.620
Yxy	70.8969, 0.2670, 0.2956
Android (android.graphics.Color)	4290109951 (0xFFB5E1FF)
YUV	215.2640, 19.5898, -30.0495
Hunter-Lab	84.1987, -11.6023, -14.9400

# Details

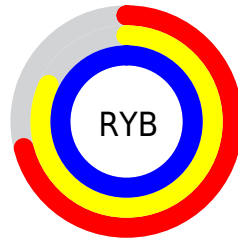
The HunterLab color  $84.1987, -11.6023, -14.9400$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $84.3709, 6.5294, 21.3813$ , and the grayscale version is  $82.4791, -4.4009, 4.4812$ .

A 20% lighter version of the original color is  $98.4465, -10.7827, 3.4954$ , and  $61.0428, -9.8244, -14.4496$  is the 20% darker color. If you saturate the color by 10%, you get  $79.1645, -12.5391, -22.2949$ , and if you desaturate by 10%, it is  $89.4574, -9.9915, -7.7552$ .

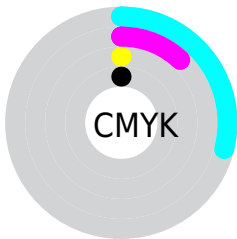
# Distribution



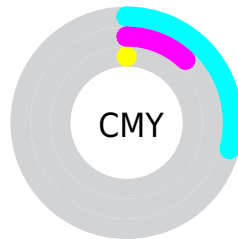
- Red (71%)
- Green (88%)
- Blue (100%)



- Red (71%)
- Yellow (82%)
- Blue (100%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.1987, -11.6023, -14.9400 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 84.1987, -11.6023, -14.9400 by changing the saturation by 10% instead.



84.1987, -11.6023,  
-14.9400

84.1987, -11.6023,  
-14.9400

215.3353,  
-21.2963, -13.7044

72.2898, -10.6030,  
-14.8254

109.7666,  
-13.6472, -14.9932

61.0007, -9.6147,  
-14.6519

123.3722,  
-14.6917, -14.9427

50.3694, -8.6367,  
-14.4138

137.4977,  
-15.7519, -14.8439

40.4395, -7.6658,  
-14.1083

152.1245,  
-16.8283, -14.6992

31.2644, -6.6970,  
-13.7350

167.2362,  
-17.9208, -14.5110

22.9124, -5.7218,  
-13.3012

182.8175,

15.4744, -4.7251,

-19.0296, -14.2813

-12.8384

198.8548,  
-20.1548, -14.0118

■ 9.0724, -4.0960,  
-12.4902

0.0000, NaN, -NF

■ 84.1987, -11.6023,  
-14.9400

■ 84.1987, -11.6023,  
-14.9400

■ 79.1645, -12.5391,  
-22.2949

■ 89.4574, -9.9915,  
-7.7552

■ 74.3701, -12.7129,  
-29.8200

■ 94.9169, -7.7818,  
-0.7457

■ 69.8384, -12.0377,  
-37.4947

100.0000, -5.3358,  
5.4332

■ 65.5904, -10.4324,  
-45.2861

■ 61.6447, -7.8347,  
-53.1460

■ 58.0132, -4.2222,  
-61.0163

■ 54.6837, 0.3201,  
-68.8757

■ 54.3664, 0.7914,  
-69.6616

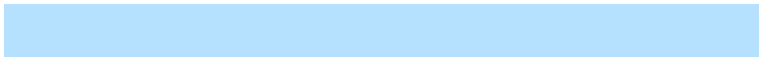
# Harmonies

## Analogous

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



84.2003, -19.4341, -8.0581



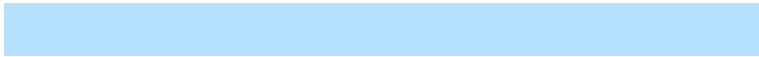
84.1987, -11.6023, -14.9400



84.2003, -1.5052, -16.2769

# Triad

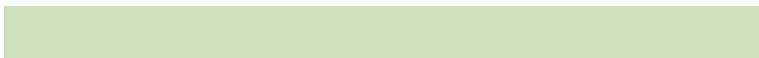
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2003, -11.6036, -14.9377



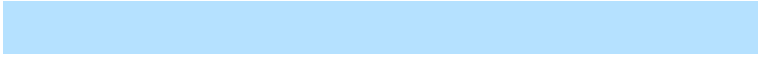
84.2003, 16.0148, 7.3612



84.2003, -16.5176, 18.0270

# Complementary

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



84.1987, -11.6023, -14.9400



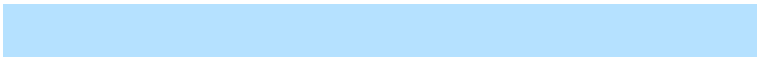
84.3709, 6.5294, 21.3813

# 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.



84.2003, -7.4481, 21.1790



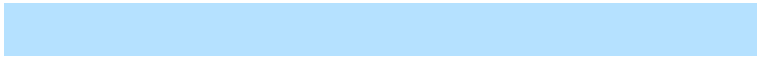
84.1987, -11.6023, -14.9400



84.2003, 11.5593, 15.5252

# Square

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



84.2003, -11.6036, -14.9377



84.2003, 14.7708, -2.5861



84.2003, 2.8529, 20.3216

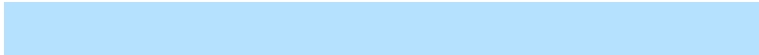


84.2003, -22.1747, 11.1728



# Rectangle

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



84.1987, -11.6023, -14.9400



84.2003, 5.2112, -13.7097



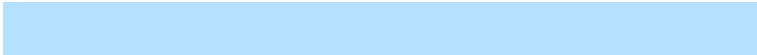
84.2003, 2.8529, 20.3216



84.2003, -13.7848, 19.5147

# Sweetspot

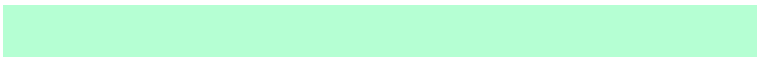
The Sweet Spot groups the original color and five complimentary colors.



84.2003, -11.6036, -14.9377



94.9270, -7.7772, -0.7331



92.7510, -34.2864, 17.3244



43.5446, -3.7628, -0.8061

0.0000, NaN, NaN

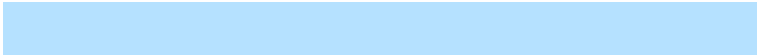


46.2646, -2.4686, 2.5136

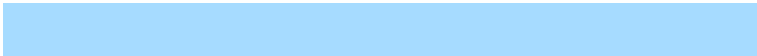


# Same Dimension

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



84.2003, -11.6036, -14.9377



81.1602, -12.2499, -19.3178



72.9268, 7.4312, -31.8496



43.7880, -3.6558, -0.5009



39.6799, -0.0835, -49.4163



13.2199, -1.4166, -13.4657



# Inverse Universe

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



77.2953, 29.5169, -6.4974



73.1756, 36.8259, -8.4655



95.6481, -12.4408, 31.6204



42.6244, 2.7245, 0.5512



35.0962, 63.5469, -4.0161

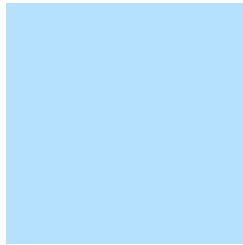


11.0498, 20.1841, -2.6353



# Previews

## White Background



This preview shows how the HunterLab color 84.1987, -11.6023, -14.9400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

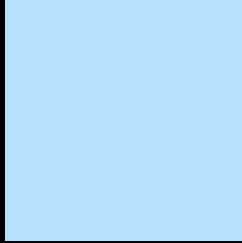
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.1987, -11.6023, -14.9400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

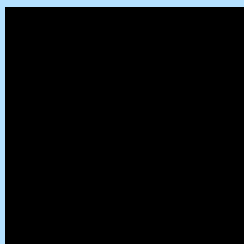
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

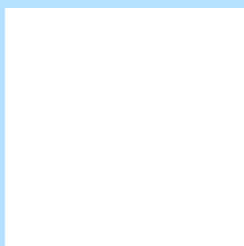
Any Text WCAG AAA ✓ Pass

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

## HunterLab 84.1987, -11.6023, -14.9400 Background



This preview shows how black text looks on a background with the HunterLab color 84.1987, -11.6023, -14.9400.



This preview shows how white text looks on a background with the HunterLab color 84.1987, -11.6023, -14.9400.

-11.6023, -14.9400.

# 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

84.1987, -11.6023, -14.9400

### Protanopia

84.0678, 0.4683, -11.9754

### Deuteranopia

84.0745, 5.5542, -14.8145



## Tritanopia

84.3294, -15.1961, -9.0388

# Trichromacy



## Original Color

84.1987, -11.6023, -14.9400

## Protanomaly

84.0430, -4.2392, -13.2582

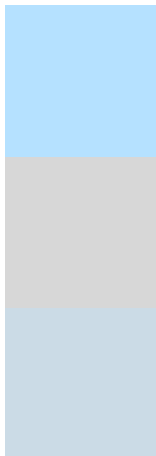
## Deuteranomaly

83.9551, -1.1217, -15.0999

## Tritanomaly

84.2233, -13.6213, -11.4314

# Monochromacy



## Original Color

84.1987, -11.6023, -14.9400

## Achromatopsia

82.4344, -4.3985, 4.4788

## Achromatomaly

83.1100, -7.4641, -2.3253

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.1987, -11.6023, -14.9400 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(181, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 225, 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(181, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 225, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.1987, -11.6023, -14.9400 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(181, 225, 255) }
```



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

```
.border{ border-color:rgb(181, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 225,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.1987, -11.6023, -14.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 225, 255) }
```

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

```
.background{ background-color: rgb(181,  
225, 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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