

Converting Colors

HunterLab(85.9029, -10.7468,
-12.5533)

Have a look what the booklet for
HunterLab(85.9029, -10.7468,
-12.5533) contains.

HunterLab(85.8219, -10.7762, -12.6653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(85.8219,
-10.7762, -12.6653)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE4FF
RGB	190, 228, 255
RGB Percent	75%, 89%, 100%
CMY	0.2549, 0.1059, 0.0000
CMYK	0.25, 0.11, 0.00, 0.00
HSL	205°, 100%, 87%
HSV	205°, 25%, 100%
XYZ	67.0286, 73.6540, 105.2916
YIQ	219.7160, -31.3150, 0.3410

Conversions

Conversions Part 2

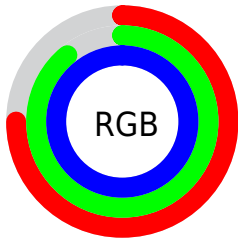
Format	Color
RYB	190, 214, 255
Decimal	12510463
CIELab	88.76, -6.50, -17.16
CIELCh	89, 18.344, 249.262
Yxy	73.6569, 0.2725, 0.2994
Android (android.graphics.Color)	4290700543 (0xFFBEE4FF)
YUV	219.7160, 17.3950, -26.0609
Hunter-Lab	85.8219, -10.7762, -12.6653

Details

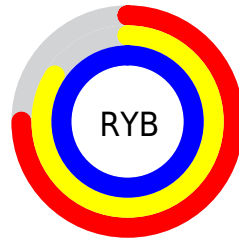
The HunterLab color **85.8219, -10.7762, -12.6653** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **86.3730, 4.5611, 19.8611**, and the grayscale version is **84.4137, -4.5041, 4.5864**.

A 20% lighter version of the original color is **99.2543, -7.9395, 4.5067**, and **62.5422, -9.1901, -12.2706** is the 20% darker color. If you saturate the color by 10%, you get **80.6259, -11.8383, -20.0979**, and if you desaturate by 10%, it is **91.2359, -9.0723, -5.4209**.

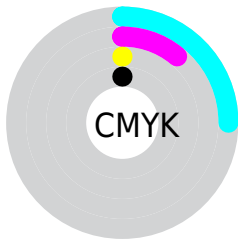
Distribution



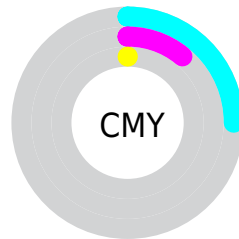
- Red (75%)
- Green (89%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- Blue (100%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8219, -10.7762, -12.6653 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 85.8219, -10.7762, -12.6653 by changing the saturation by 10% instead.

85.8219, -10.7762,
-12.6653

85.8219, -10.7762,
-12.6653

217.5519,
-20.1213, -10.8028

73.8331, -9.8252,
-12.6281

111.5389,
-12.7322, -12.5681

62.4597, -8.8883,
-12.5333

125.2145,
-13.7353, -12.4449

51.7389, -7.9654,
-12.3744

139.4075,
-14.7558, -12.2750

41.7132, -7.0544,
-12.1472

154.0995,
-15.7939, -12.0609

32.4346, -6.1516,
-11.8485

169.2743,
-16.8496, -11.8048

23.9689, -5.2508,
-11.4790

184.9168,

16.4034, -4.3410,

-17.9227, -11.5086

-11.0529

201.0135,
-19.0134, -11.1740

■ 9.8614, -3.4432,
-10.6362

0.0000, NaN, -NF

■ 85.8219, -10.7762,
-12.6653

■ 85.8219, -10.7762,
-12.6653

■ 80.6259, -11.8383,
-20.0979

■ 91.2359, -9.0723,
-5.4209

■ 75.6630, -12.1697,
-27.7251

■ 96.8443, -6.7995,
1.6352

■ 70.9567, -11.6828,
-35.5338

100.0000, -5.3358,
5.4332

■ 66.5291, -10.2905,
-43.4985

■ 62.4016, -7.9184,
-51.5773

■ 58.5906, -4.5235,
-59.7131

■ 55.1017, -0.1237,
-67.8477

■ 53.6127, 2.1042,
-71.5536

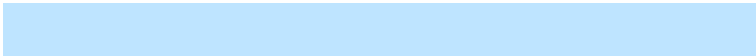
Harmonies

Analogous

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



85.8236, -17.8963, -6.7135



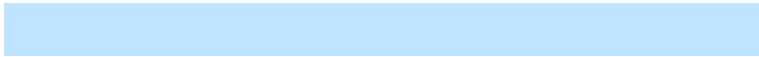
85.8219, -10.7762, -12.6653



85.8236, -1.7089, -13.7155

Triad

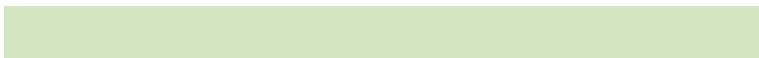
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8236, -10.7777, -12.6630



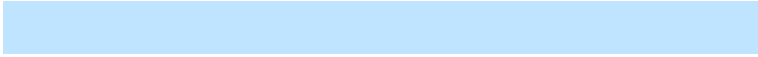
85.8236, 13.6424, 7.3446



85.8236, -15.5286, 16.7412

Complementary

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



85.8219, -10.7762, -12.6653



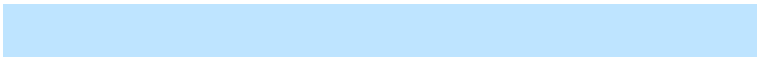
86.3730, 4.5611, 19.8611

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.



85.8236, -7.4216, 19.7185



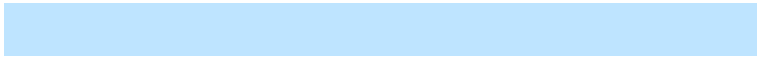
85.8219, -10.7762, -12.6653



85.8236, 9.5928, 14.6833

Square

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



85.8236, -10.7777, -12.6630



85.8236, 12.6509, -1.5234



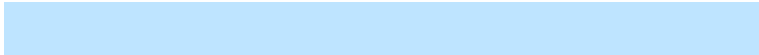
85.8236, 1.7906, 19.0071



85.8236, -20.5577, 10.4367

Rectangle

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



85.8219, -10.7762, -12.6653



85.8236, 4.2639, -11.3989



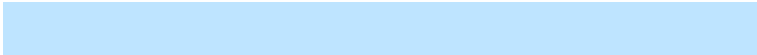
85.8236, 1.7906, 19.0071



85.8236, -13.0872, 18.1324

Sweetspot

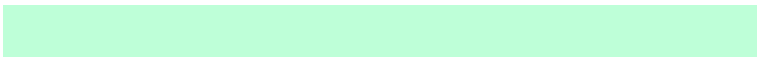
The Sweet Spot groups the original color and five complimentary colors.



85.8236, -10.7777, -12.6630



95.4185, -7.4197, -0.1197



93.5016, -31.1565, 15.8738



43.7523, -3.5974, -0.5443

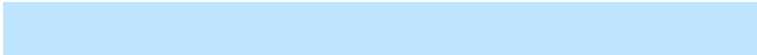
0.0000, NaN, NaN



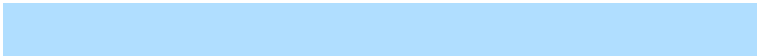
46.2646, -2.4686, 2.5136

Same Dimension

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



85.8236, -10.7777, -12.6630



82.9313, -11.4472, -16.7364



76.0754, 5.6305, -26.7574



43.7523, -3.5974, -0.5443



39.1415, 0.8451, -50.7479



13.0670, -1.1694, -13.8082

Inverse Universe

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



79.8060, 25.0892, -4.9170



75.8775, 31.8002, -6.7798



96.1357, -11.7950, 28.9865



42.6207, 2.7046, 0.6040



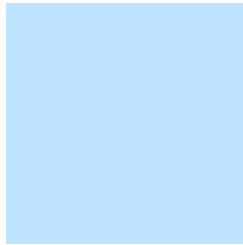
35.0351, 63.3261, -3.1543



11.0314, 20.1179, -2.3783

Previews

White Background



This preview shows how the HunterLab color 85.8219, -10.7762, -12.6653 looks on a white background.

Color Contrast Check

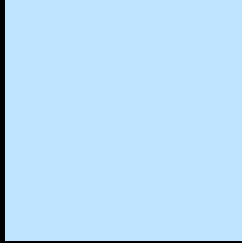
Large Text (above 18pt) WCAG AA × Fail

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 85.8219, -10.7762, -12.6653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

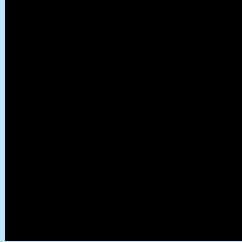
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

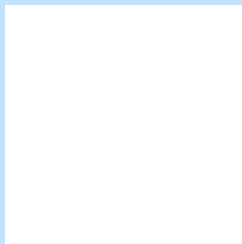
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.8219, -10.7762, -12.6653 Background



This preview shows how black text looks on a background with the HunterLab color 85.8219, -10.7762, -12.6653.



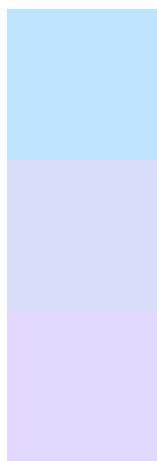
This preview shows how white text looks on a background with the HunterLab color 85.8219,

-10.7762, -12.6653.

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

85.8219, -10.7762, -12.6653

Protanopia

85.7441, -0.1117, -9.7057

Deuteranopia

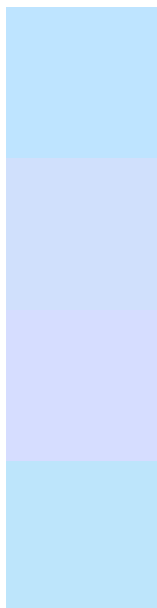
85.5433, 5.8419, -12.7589



Tritanopia

85.7364, -13.2503, -8.8150

Trichromacy



Original Color

85.8219, -10.7762, -12.6653

Protanomaly

85.8775, -4.2915, -10.7407

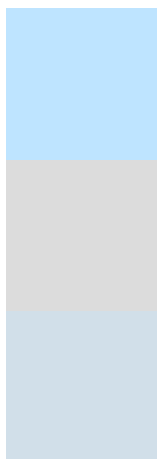
Deuteranomaly

85.5740, -0.3237, -12.8244

Tritanomaly

85.9200, -12.3754, -10.2527

Monochromacy



Original Color

85.8219, -10.7762, -12.6653

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

84.9787, -7.1581, -1.5484

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8219, -10.7762, -12.6653 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(190, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 228, 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(190, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 228, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8219, -10.7762, -12.6653 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(190, 228, 255) }
```


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

```
.border{ border-color:rgb(190, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 228,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8219, -10.7762, -12.6653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 228, 255) }
```

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

```
.background{ background-color: rgb(190,  
228, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor