

Converting Colors

HunterLab(85.1162, 3.2683,
-37.8751)

Have a look what the booklet for
HunterLab(85.1162, 3.2683,
-37.8751) contains.

HunterLab(83.5917, -5.5825, -15.6924)	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(83.5917, -5.5825,
-15.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DCFF
RGB	194, 220, 255
RGB Percent	76%, 86%, 100%
CMY	0.2392, 0.1372, 0.0000
CMYK	0.24, 0.14, 0.00, 0.00
HSL	214°, 100%, 88%
HSV	214°, 24%, 100%
XYZ	65.8913, 69.8757, 104.6223
YIQ	216.2160, -26.7310, 5.3730

Conversions

Conversions Part 2

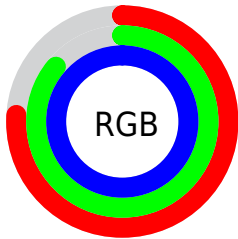
Format	Color
R_{YB}	194, 212, 255
Decimal	12770559
CIE Lab	86.94, -1.17, -19.88
CIE LCh	87, 19.913, 266.631
Yxy	69.8785, 0.2741, 0.2907
Android (android.graphics.Color)	4290960639 (0xFFC2DCFF)
YUV	216.2160, 19.1205, -19.4834
Hunter-Lab	83.5917, -5.5825, -15.6924

Details

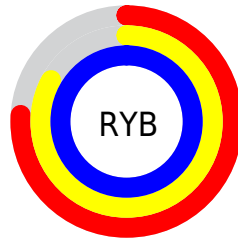
The HunterLab color $83.5917, -5.5825, -15.6924$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $90.1071, -1.1967, 21.9182$, and the grayscale version is $82.8896, -4.4228, 4.5035$.

A 20% lighter version of the original color is $99.6239, -6.6465, 4.9667$, and $60.3957, -4.3316, -15.3082$ is the 20% darker color. If you saturate the color by 10%, you get $77.0987, -4.7459, -25.3299$, and if you desaturate by 10%, it is $90.3138, -5.8259, -6.5600$.

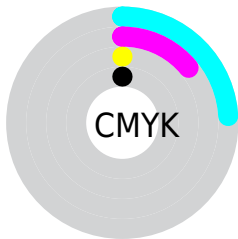
Distribution



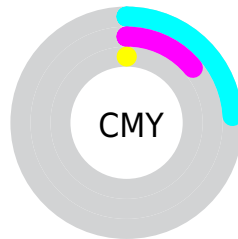
- Red (76%)
- Green (86%)
- Blue (100%)



- Red (76%)
- Yellow (83%)
- Blue (100%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5917, -5.5825, -15.6924 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 83.5917, -5.5825, -15.6924 by changing the saturation by 10% instead.

■ 83.5917, -5.5825,
-15.6924

■ 83.5917, -5.5825,
-15.6924

214.5048,
-12.9910, -14.6627

■ 71.7129, -4.8934,
-15.5525

■ 109.1033, -7.0509,
-15.7947

■ 60.4557, -4.2329,
-15.3536

122.6826, -7.8252,
-15.7681

■ 49.8582, -3.6040,
-15.0901

136.7826, -8.6255,
-15.6926

■ 39.9645, -3.0082,
-14.7598

151.3850, -9.4510,
-15.5708

■ 30.8287, -2.4472,
-14.3637

166.4729,
-10.3009, -15.4050

■ 22.5198, -1.9230,
-13.9119

182.0311,

■ 15.1302, -1.4376,

-11.1746, -15.1971

-13.4434

198.0460,
-12.0715, -14.9492

■ 8.7635, -1.0499,
-13.1895

0.0000, NaN, -NF

■ 83.5917, -5.5825,
-15.6924

■ 83.5917, -5.5825,
-15.6924

■ 77.0987, -4.7459,
-25.3299

■ 90.3138, -5.8259,
-6.5600

■ 70.8591, -3.2050,
-35.5543

■ 97.2358, -5.5612,
2.1313

■ 64.9095, -0.8377,
-46.4349

100.0000, -5.3358,
5.4332

■ 59.2915, 2.4930,
-58.0265

■ 54.0537, 6.9243,
-70.3438

■ 49.2493, 12.5657,
-83.3287

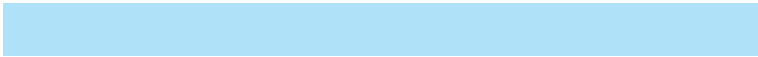
■ 44.9304, 19.4450,
-96.8178

■ 42.5363, 24.1214,
-105.2378

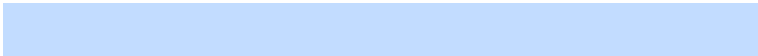
Harmonies

Analogous

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



83.5933, -14.7106, -12.0860



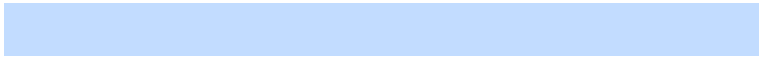
83.5917, -5.5825, -15.6924



83.5933, 4.2679, -13.3706

Triad

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



83.5933, -5.5840, -15.6901



83.5933, 13.2986, 12.2898



83.5933, -19.8219, 13.9374

Complementary

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



83.5917, -5.5825, -15.6924



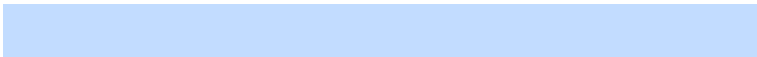
90.1071, -1.1967, 21.9182

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.



83.5933, -12.8531, 19.2138



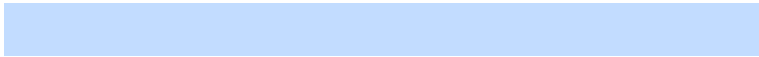
83.5917, -5.5825, -15.6924



83.5933, 6.2995, 18.3434

Square

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



83.5933, -5.5840, -15.6901



83.5933, 15.4643, 3.4757



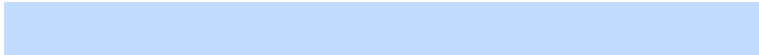
83.5933, -3.3397, 20.7284



83.5933, -22.6858, 5.6106

Rectangle

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



83.5917, -5.5825, -15.6924



83.5933, 9.8743, -8.9092



83.5933, -3.3397, 20.7284



83.5933, -17.8981, 16.0875

Sweetspot

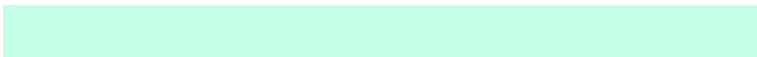
The Sweet Spot groups the original color and five complimentary colors.



83.5933, -5.5840, -15.6901



95.0839, -5.6920, -0.5025



94.1397, -28.0504, 11.0294



43.7960, -2.6429, -0.4733

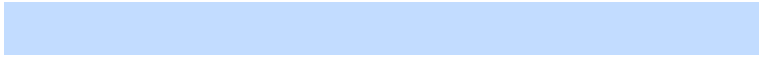
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5933, -5.5840, -15.6901



80.2644, -5.2390, -20.5183



76.0395, 9.3032, -26.7501



43.1865, -2.6680, -1.2361



31.2022, 16.4083, -74.4209



10.7668, 2.9471, -19.8194

Inverse Universe

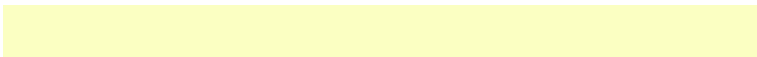
The Inverse Universe completely reimagines the original color for something new.



80.6303, 21.5041, 0.2688



76.8834, 27.3465, -0.4729



97.9347, -15.9915, 29.1668



42.5624, 2.3919, 1.4337



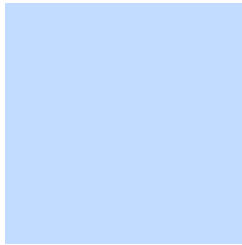
34.2210, 60.3636, 8.4768



10.7776, 19.1987, 1.2144

Previews

White Background



This preview shows how the HunterLab color 83.5917, -5.5825, -15.6924 looks on a white background.

Color Contrast Check

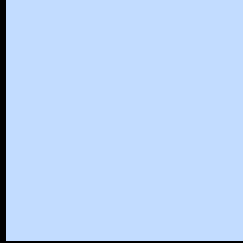
Large Text (above 18pt) WCAG AA × Fail

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 83.5917, -5.5825, -15.6924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

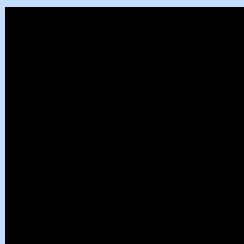
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

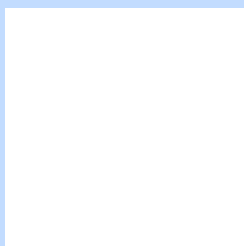
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.5917, -5.5825, -15.6924 Background



This preview shows how black text looks on a background with the HunterLab color 83.5917, -5.5825, -15.6924.



This preview shows how white text looks on a background with the HunterLab color 83.5917, -5.5825, -15.6924.

-15.6924.

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

83.5917, -5.5825, -15.6924

Protanopia

83.6594, 0.7979, -13.7042

Deuteranopia

83.2869, 6.0010, -15.9230



Tritanopia

83.4327, -10.5046, -7.3562

Trichromacy



Original Color

83.5917, -5.5825, -15.6924

Protanomaly

83.4845, -1.3059, -14.5771

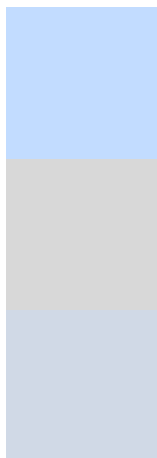
Deuteranomaly

83.3802, 1.6472, -15.8664

Tritanomaly

83.3738, -8.7198, -10.2103

Monochromacy



Original Color

83.5917, -5.5825, -15.6924

Achromatopsia

82.8665, -4.4215, 4.5023

Achromatomaly

82.9149, -4.9354, -2.5269

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5917, -5.5825, -15.6924 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(194, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 220, 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(194, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 220, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5917, -5.5825, -15.6924 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(194, 220, 255) }
```


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

```
.border{ border-color:rgb(194, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 220,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5917, -5.5825, -15.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 220, 255) }
```

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

```
.background{ background-color: rgb(194,  
220, 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