

Converting Colors

HunterLab(86.1193, -8.9664,
-23.2327)

Have a look what the booklet for
HunterLab(86.1193, -8.9664,
-23.2327) contains.

HunterLab(85.3077, -12.6075, -13.4081)	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(85.3077,
-12.6075, -13.4081)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E4FF
RGB	183, 228, 255
RGB Percent	72%, 89%, 100%
CMY	0.2823, 0.1059, 0.0000
CMYK	0.28, 0.11, 0.00, 0.00
HSL	202°, 100%, 86%
HSV	202°, 28%, 100%
XYZ	65.3218, 72.7740, 105.2116
YIQ	217.6230, -35.4870, -1.1430

Conversions

Conversions Part 2

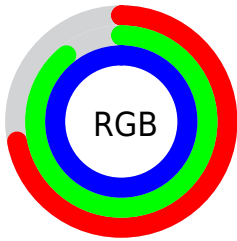
Format	Color
RYB	183, 211, 255
Decimal	12051711
CIELab	88.34, -8.50, -17.83
CIELCh	88, 19.751, 244.509
Yxy	72.7769, 0.2685, 0.2991
Android (android.graphics.Color)	4290241791 (0xFFB7E4FF)
YUV	217.6230, 18.4269, -30.3644
Hunter-Lab	85.3077, -12.6075, -13.4081

Details

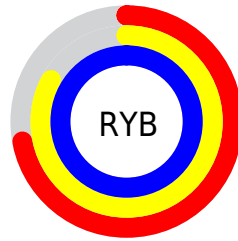
The HunterLab color **85.3077, -12.6075, -13.4081** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **84.1259, 7.3201, 20.3911**, and the grayscale version is **83.5039, -4.4556, 4.5369**.

A 20% lighter version of the original color is **98.6232, -10.1589, 3.7173**, and **62.0915, -10.8060, -12.9442** is the 20% darker color. If you saturate the color by 10%, you get **80.5057, -13.9717, -20.3131**, and if you desaturate by 10%, it is **90.3324, -10.5660, -6.6187**.

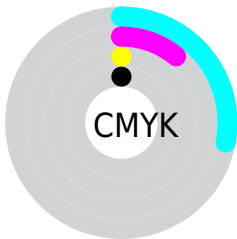
Distribution



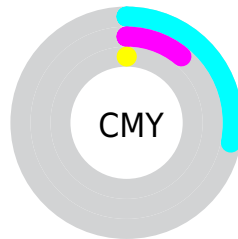
- Red (72%)
- Green (89%)
- Blue (100%)



- Red (72%)
- Yellow (83%)
- Blue (100%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.3077, -12.6075, -13.4081 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 85.3077, -12.6075, -13.4081 by changing the saturation by 10% instead.

■ 85.3077, -12.6075,
-13.4081

■ 85.3077, -12.6075,
-13.4081

216.8504,
-22.6688, -11.7518

■ 73.3441, -11.5587,
-13.3454

■ 110.9776,
-14.7446, -13.3605

■ 61.9973, -10.5184,
-13.2245

124.6312,
-15.8325, -13.2613

■ 51.3047, -9.4851,
-13.0393

138.8029,
-16.9345, -13.1148

■ 41.3092, -8.4551,
-12.7858

153.4743,
-18.0512, -12.9235

■ 32.0632, -7.4226,
-12.4618

168.6291,
-19.1828, -12.6897

■ 23.6333, -6.3776,
-12.0698

184.2523,

■ 16.1078, -5.3032,

-20.3295, -12.4153

-11.6287

200.3303,
-21.4915, -12.1021

■ 9.6123, -4.3762,
-11.2202

0.0000, NaN, -NF

■ 85.3077, -12.6075,
-13.4081

■ 85.3077, -12.6075,
-13.4081

■ 80.5057, -13.9717,
-20.3131

■ 90.3324, -10.5660,
-6.6187

■ 75.9398, -14.5739,
-27.3263

■ 95.5575, -7.9192,
0.0427

■ 71.6306, -14.3345,
-34.4212

100.0000, -5.3358,
5.4332

■ 67.5958, -13.1801,
-41.5614

■ 63.8504, -11.0565,
-48.6998

■ 60.4024, -7.9476,
-55.7848

■ 57.2406, -3.9234,
-62.7924

■ 56.7003, -3.1615,
-64.0457

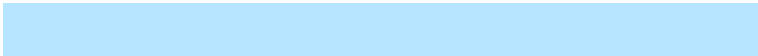
Harmonies

Analogous

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



85.3094, -19.7077, -6.2852



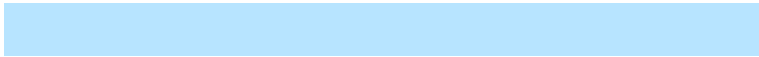
85.3077, -12.6075, -13.4081



85.3094, -3.0523, -15.4908

Triad

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



85.3094, -12.6088, -13.4059



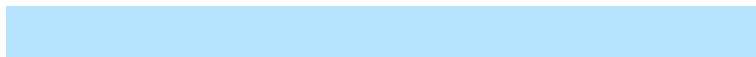
85.3094, 15.2972, 6.0573



85.3094, -15.0927, 18.2795

Complementary

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



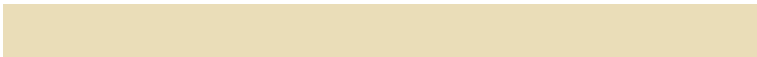
85.3077, -12.6075, -13.4081



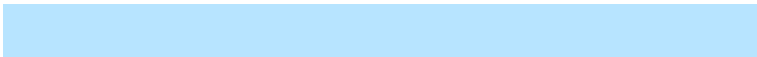
84.1259, 7.3201, 20.3911

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.



85.3094, -6.0503, 20.8197



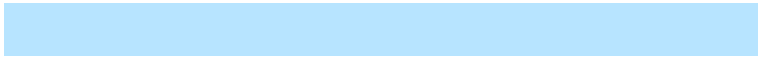
85.3077, -12.6075, -13.4081



85.3094, 11.7321, 14.2941

Square

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



85.3094, -12.6088, -13.4059



85.3094, 13.3468, -3.5377



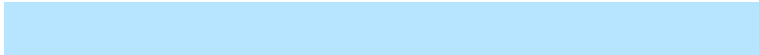
85.3094, 3.8061, 19.4479



85.3094, -21.0952, 12.0872

Rectangle

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



85.3077, -12.6075, -13.4081



85.3094, 3.4986, -13.5648



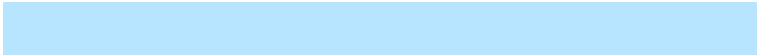
85.3094, 3.8061, 19.4479



85.3094, -12.3234, 19.5545

Sweetspot

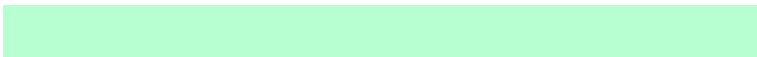
The Sweet Spot groups the original color and five complimentary colors.



85.3094, -12.6088, -13.4059



95.6820, -7.8506, 0.1971



92.8499, -33.9755, 17.9332



43.8972, -3.8337, -0.3686

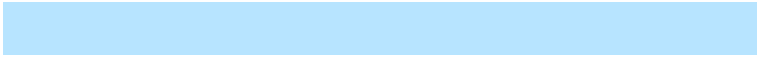
0.0000, NaN, NaN



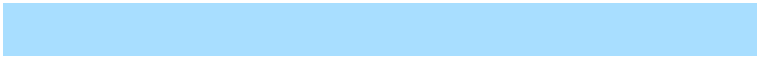
46.2646, -2.4686, 2.5136

Same Dimension

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



85.3094, -12.6088, -13.4059



82.5116, -13.4828, -17.3746



74.3318, 5.7457, -29.5593



43.8972, -3.8337, -0.3686



41.3461, -2.8800, -45.4619



13.6915, -2.1627, -12.4447

Inverse Universe

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



77.9295, 28.9504, -7.3188



73.9435, 36.0760, -9.4941



94.9876, -11.0797, 30.3724



42.6358, 2.7852, 0.3900



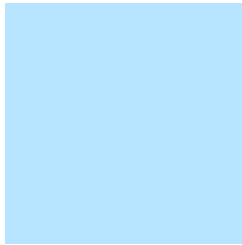
35.2898, 64.2458, -6.7382



11.1076, 20.3919, -3.4412

Previews

White Background



This preview shows how the HunterLab color 85.3077, -12.6075, -13.4081 looks on a white background.

Color Contrast Check

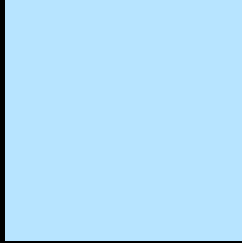
Large Text (above 18pt) WCAG AA × Fail

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 85.3077, -12.6075, -13.4081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

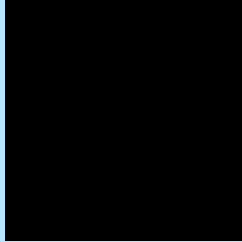
Any Text WCAG AA ✓ Pass

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 85.3077, -12.6075, -13.4081 Background



This preview shows how black text looks on a background with the HunterLab color 85.3077, -12.6075, -13.4081.



This preview shows how white text looks on a background with the HunterLab color 85.3077,

-12.6075, -13.4081.

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

85.3077, -12.6075, -13.4081

Protanopia

85.0025, 0.4370, -10.1267

Deuteranopia

85.0525, 5.7428, -13.4415



Tritanopia

85.2289, -15.0726, -9.5253

Trichromacy



Original Color

85.3077, -12.6075, -13.4081

Protanomaly

84.9628, -4.3291, -11.4113

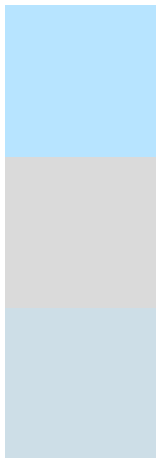
Deuteranomaly

84.9165, -0.9935, -13.7489

Tritanomaly

85.4100, -14.2011, -10.9750

Monochromacy



Original Color

85.3077, -12.6075, -13.4081

Achromatopsia

83.7318, -4.4677, 4.5493

Achromatomaly

84.2563, -8.2142, -1.4251

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.3077, -12.6075, -13.4081 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(183, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 228, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 85.3077, -12.6075, -13.4081 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(183, 228, 255) }
```


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

```
.border{ border-color:rgb(183, 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(183, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 228,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.3077, -12.6075, -13.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 228, 255) }
```

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

```
.background{ background-color: rgb(183,  
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