

# Converting Colors

HunterLab(85.2918, -11.4055,  
-13.4091)

Have a look what the booklet for  
HunterLab(85.2918, -11.4055,  
-13.4091) contains.

<b>HunterLab(85.2040, -11.3233, -13.5296)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(85.2040,  
-11.3233, -13.5296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAE3FF
RGB	186, 227, 255
RGB Percent	73%, 89%, 100%
CMY	0.2706, 0.1098, 0.0000
CMYK	0.27, 0.11, 0.00, 0.00
HSL	204°, 100%, 86%
HSV	204°, 27%, 100%
XYZ	65.7688, 72.5972, 105.1540
YIQ	217.9330, -33.4240, 0.0160

# Conversions

## Conversions Part 2

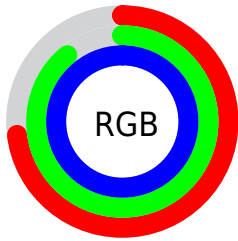
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 212, 255
Decimal	12248063
CIE <sub>Lab</sub>	88.26, -7.13, -17.94
CIE <sub>LCh</sub>	88, 19.303, 248.318
Yxy	72.6000, 0.2701, 0.2981
Android (android.graphics.Color)	4290438143 (0xFFBAE3FF)
YUV	217.9330, 18.2740, -28.0052
Hunter-Lab	85.2040, -11.3233, -13.5296

# Details

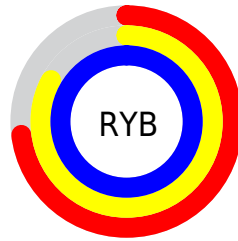
The HunterLab color **85.2040, -11.3233, -13.5296** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **85.3803, 5.6051, 20.4488**, and the grayscale version is **83.6381, -4.4627, 4.5442**.

A 20% lighter version of the original color is **98.8912, -9.2146, 4.0531**, and **61.9738, -9.6455, -13.0933** is the 20% darker color. If you saturate the color by 10%, you get **80.1217, -12.3947, -20.8560**, and if you desaturate by 10%, it is **90.5070, -9.5943, -6.3743**.

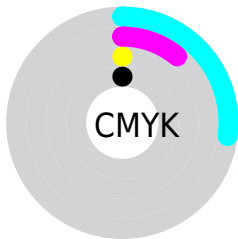
# Distribution



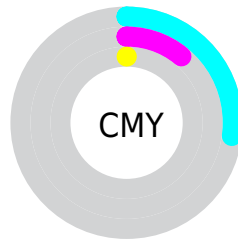
- Red (73%)
- Green (89%)
- Blue (100%)



- Red (73%)
- Yellow (83%)
- Blue (100%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.2040, -11.3233, -13.5296 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 85.2040, -11.3233, -13.5296 by changing the saturation by 10% instead.



■ 85.2040, -11.3233,  
-13.5296

■ 85.2040, -11.3233,  
-13.5296

216.7089,  
-20.8894, -11.9074

■ 73.2455, -10.3419,  
-13.4626

■ 110.8644,  
-13.3354, -13.4902

■ 61.9040, -9.3728,  
-13.3374

124.5135,  
-14.3646, -13.3949

■ 51.2172, -8.4155,  
-13.1478

138.6809,  
-15.4103, -13.2523

■ 41.2278, -7.4672,  
-12.8900

153.3482,  
-16.4727, -13.0648

■ 31.9884, -6.5236,  
-12.5618

168.4990,  
-17.5517, -12.8347

■ 23.5657, -5.5772,  
-12.1661

184.1183,

■ 16.0483, -4.6148,

-18.6475, -12.5639

-11.7229

200.1924,  
-19.7601, -12.2543

■ 9.5622, -3.7659,  
-11.3165

0.0000, NaN, -NF

■ 85.2040, -11.3233,  
-13.5296

■ 85.2040, -11.3233,  
-13.5296

■ 80.1217, -12.3947,  
-20.8560

■ 90.5070, -9.5943,  
-6.3743

■ 75.2752, -12.7200,  
-28.3556

■ 96.0074, -7.2810,  
0.6062

■ 70.6873, -12.2133,  
-36.0103

100.0000, -5.3358,  
5.4332

■ 66.3791, -10.7913,  
-43.7904

■ 62.3700, -8.3865,  
-51.6505

■ 58.6739, -4.9664,  
-59.5336

■ 55.2907, -0.5688,  
-67.3910

■ 54.3370, 0.8422,  
-69.7346

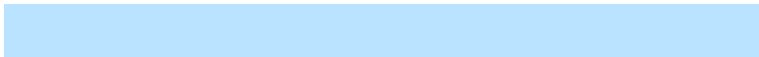
# Harmonies

## Analogous

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



85.2057, -18.6796, -7.0975



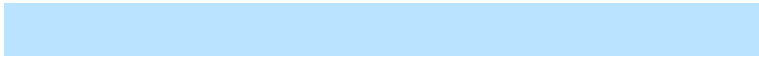
85.2040, -11.3233, -13.5296



85.2057, -1.8390, -14.8259

# Triad

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



85.2057, -11.3247, -13.5273



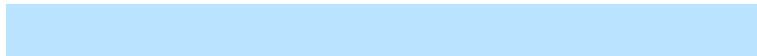
85.2057, 14.6765, 7.1621



85.2057, -15.7965, 17.4030

# Complementary

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



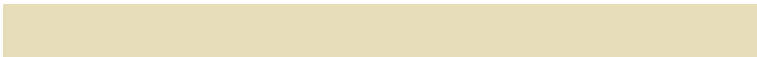
85.2040, -11.3233, -13.5296



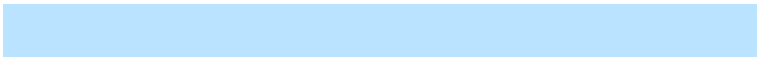
85.3803, 5.6051, 20.4488

# 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.



85.2057, -7.2293, 20.3754



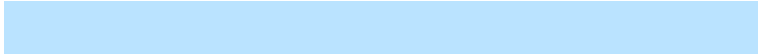
85.2040, -11.3233, -13.5296



85.2057, 10.5630, 14.9102

# Square

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



85.2057, -11.3247, -13.5273



85.2057, 13.4601, -2.1723



85.2057, 2.4413, 19.5167

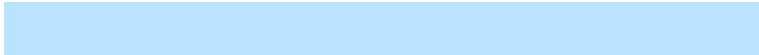


85.2057, -21.1800, 10.9287



# Rectangle

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



85.2040, -11.3233, -13.5296



85.2057, 4.4673, -12.4836



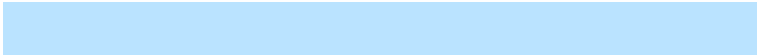
85.2057, 2.4413, 19.5167



85.2057, -13.2090, 18.8100

# Sweetspot

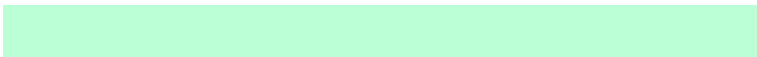
The Sweet Spot groups the original color and five complimentary colors.



85.2057, -11.3247, -13.5273



95.4810, -7.5220, -0.0445



93.1634, -32.5624, 16.5190



43.7867, -3.6535, -0.5026

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

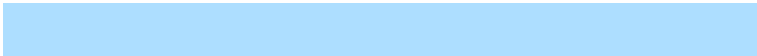


# Same Dimension

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



85.2057, -11.3247, -13.5273



82.6646, -11.9412, -17.1276



74.6703, 6.4203, -28.9969



43.7867, -3.6535, -0.5026



39.6590, -0.0475, -49.4677



13.2140, -1.4070, -13.4790



# Inverse Universe

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



78.6927, 27.1156, -5.7921



75.2123, 33.1569, -7.4909



95.9176, -12.0895, 30.1761



42.6243, 2.7237, 0.5533



35.0938, 63.5383, -3.9824

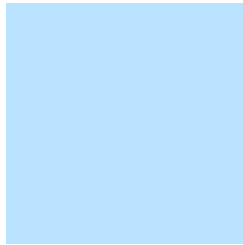


11.0490, 20.1815, -2.6253



# Previews

## White Background



This preview shows how the HunterLab color 85.2040, -11.3233, -13.5296 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

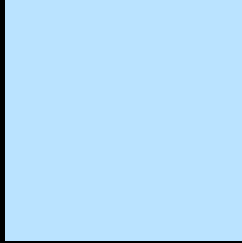
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.2040, -11.3233, -13.5296 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

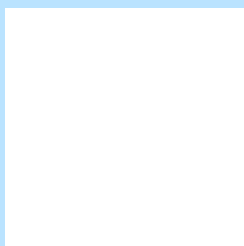
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.2040, -11.3233, -13.5296 Background



This preview shows how black text looks on a background with the HunterLab color 85.2040, -11.3233, -13.5296.



This preview shows how white text looks on a background with the HunterLab color 85.2040,

-11.3233, -13.5296.

# 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

85.2040, -11.3233, -13.5296

### Protanopia

84.9495, 0.3291, -10.7726

### Deuteranopia

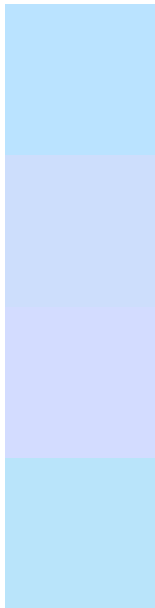
85.0525, 5.7428, -13.4415



## Tritanopia

85.0838, -14.0016, -9.1360

# Trichromacy



## Original Color

85.2040, -11.3233, -13.5296

## Protanomaly

85.0000, -4.1254, -11.9349

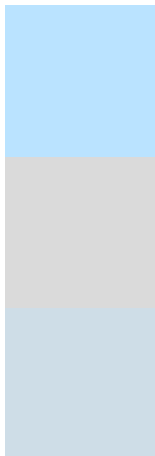
## Deuteranomaly

85.0031, -0.6958, -13.6229

## Tritanomaly

85.2662, -13.1287, -10.5786

# Monochromacy



## Original Color

85.2040, -11.3233, -13.5296

## Achromatopsia

83.7318, -4.4677, 4.5493

## Achromatomaly

84.0263, -7.4054, -1.6982

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.2040, -11.3233, -13.5296 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(186, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 227, 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(186, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 227, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.2040, -11.3233, -13.5296 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(186, 227, 255) }
```



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

```
.border{ border-color:rgb(186, 227, 255) }
```

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

Here you see how a box with a 4 pixel rgb(186, 227, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 227,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.2040, -11.3233, -13.5296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 227, 255) }
```

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

```
.background{ background-color: rgb(186,  
227, 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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