

# Converting Colors

HunterLab(85.2945, -19.4097,  
-0.3183)

Have a look what the booklet for  
HunterLab(85.2945, -19.4097,  
-0.3183) contains.

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# Color

**HunterLab(85.2907,  
-19.3859, -0.3380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E7E7
RGB	181, 231, 231
RGB Percent	71%, 91%, 91%
CMY	0.2902, 0.0941, 0.0941
CMYK	0.22, 0.00, 0.00, 0.09
HSL	180°, 51%, 81%
HSV	180°, 22%, 91%
XYZ	62.0557, 72.7450, 86.3717
YIQ	216.0500, -29.8000, -10.6000

# Conversions

## Conversions Part 2

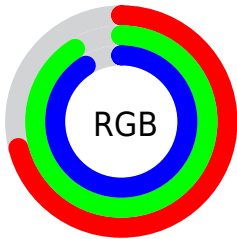
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 206, 231
Decimal	11921383
CIE <sub>Lab</sub>	88.33, -15.92, -5.27
CIE <sub>LCh</sub>	88, 16.769, 198.304
Y <sub>xy</sub>	72.7480, 0.2806, 0.3289
Android (android.graphics.Color)	4290111463 (0xFFB5E7E7)
YUV	216.0500, 7.3704, -30.7388
Hunter-Lab	85.2907, -19.3859, -0.3380

# Details

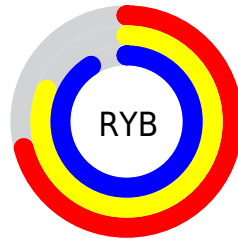
The HunterLab color  $85.2907, -19.3859, -0.3380$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $73.0581, 13.4223, 9.7731$ , and the grayscale version is  $82.8680, -4.4216, 4.5024$ .

A 20% lighter version of the original color is  $98.4465, -10.7827, 3.4954$ , and  $61.8604, -16.4376, -1.0419$  is the 20% darker color. If you saturate the color by 10%, you get  $83.7753, -24.9816, -2.3205$ , and if you desaturate by 10%, it is  $87.0494, -13.0389, 1.9171$ .

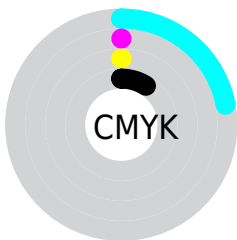
# Distribution



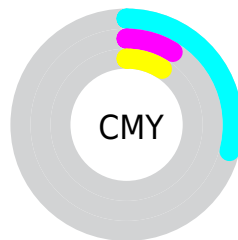
- Red (71%)
- Green (91%)
- Blue (91%)



- Red (71%)
- Yellow (81%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.2907, -19.3859, -0.3380 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 85.2907, -19.3859, -0.3380 by changing the saturation by 10% instead.



85.2907, -19.3859,  
-0.3380

85.2907, -19.3859,  
-0.3380

216.8273,  
-32.1608, 5.0975

73.3280, -17.9659,  
-0.7579

110.9592,  
-22.2109, 0.6293

61.9821, -16.5320,  
-1.1337

124.6120,  
-23.6202, 1.1693

51.2904, -15.0782,  
-1.4604

138.7830,  
-25.0310, 1.7446

41.2959, -13.5945,  
-1.7331

153.4538,  
-26.4452, 2.3534

32.0510, -12.0658,  
-1.9454

168.6079,  
-27.8642, 2.9944

23.6223, -10.4684,  
-2.0889

184.2305,

16.0981, -8.7613,

-29.2892, 3.6661

-2.1522

200.3078,  
-30.7212, 4.3675

■ 9.6041, -7.7450,  
-2.1182

0.0000, NaN, -NF

■ 85.2907, -19.3859,  
-0.3380

■ 85.2907, -19.3859,  
-0.3380

■ 83.7753, -24.9816,  
-2.3205

■ 87.0494, -13.0389,  
1.9171

■ 82.4974, -29.7795,  
-4.0200

■ 89.0439, -5.9920,  
4.4222

■ 81.4548, -33.7546,  
-5.4267

■ 91.2712, 1.6900,  
7.1570

■ 80.6398, -36.9014,  
-6.5394

■ 91.7520, 3.3236,  
7.7385

80.0403, -39.2389,  
-7.3653

91.7520, 3.3238,  
7.7379

79.6393, -40.8135,  
-7.9212

91.7521, 3.3240,  
7.7373

79.4134, -41.7045,  
-8.2353

91.7521, 3.3243,  
7.7367

79.3242, -42.0571,  
-8.3592

91.7522, 3.3245,  
7.7361

91.7522, 3.3247,  
7.7355

# Harmonies

## Analogous

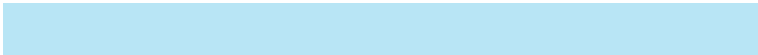
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2924, -19.8360, 7.7058



85.2907, -19.3859, -0.3380



85.2924, -15.0588, -7.6750

# Triad

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



85.2924, -19.3872, -0.3367



85.2924, 7.8718, -6.2491



85.2924, -1.2490, 18.3878

# Complementary

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



85.2907, -19.3859, -0.3380



73.0581, 13.4223, 9.7731

# 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.



85.2924, 6.4819, 15.3595



85.2907, -19.3859, -0.3380



85.2924, 11.8826, 1.4616

# Square

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



85.2924, -19.3872, -0.3367



85.2924, 0.5884, -11.3099



85.2924, 11.3643, 9.3389



85.2924, -9.5804, 18.0072

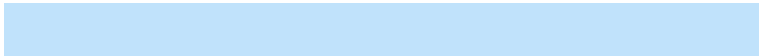


# Rectangle

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



85.2907, -19.3859, -0.3380



85.2924, -10.4580, -10.9412



85.2924, 11.3643, 9.3389



85.2924, 1.5118, 17.7477

# Sweetspot

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



85.2924, -19.3872, -0.3367



98.5965, -10.2530, 3.6843



83.9141, -27.3650, 20.3396



45.5472, -4.9837, 1.6191

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.2924, -19.3872, -0.3367



94.6151, -24.6080, -1.4127



77.5503, -7.3813, -10.1456



40.4183, -5.3376, 1.1302



59.3921, -31.4892, -6.2589



16.1451, -8.5599, -1.7016



# Inverse Universe

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



73.0581, 13.4223, 9.7731



78.2225, 19.4846, 12.1774



80.0438, 0.7927, 16.9541



37.9052, 1.3694, 3.1960



30.8614, 52.8512, 19.9413

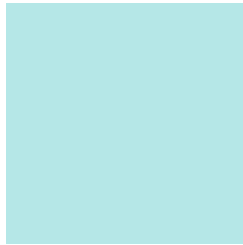


8.3894, 14.3671, 5.4204



# Previews

## White Background



This preview shows how the HunterLab color 85.2907, -19.3859, -0.3380 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

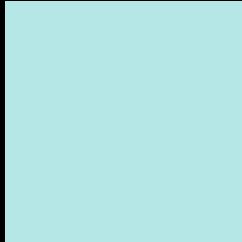
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.2907, -19.3859, -0.3380 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

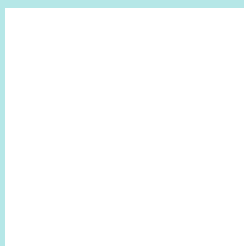
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.2907, -19.3859, -0.3380 Background



This preview shows how black text looks on a background with the HunterLab color 85.2907, -19.3859, -0.3380.



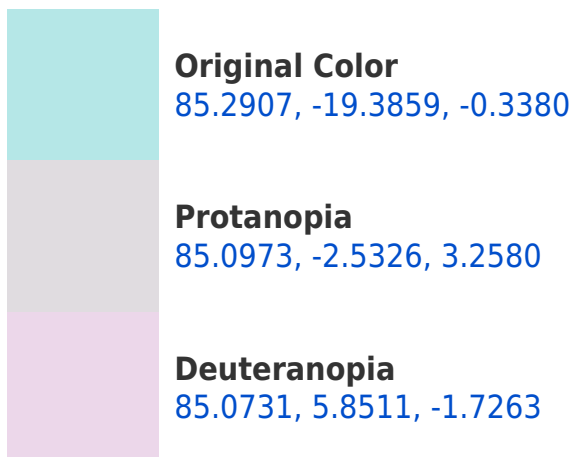
This preview shows how white text looks on a background with the HunterLab color 85.2907,

-19.3859,-0.3380.

# 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

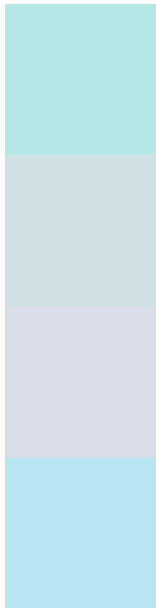




## Tritanopia

85.4075, -14.5026, -8.7129

# Trichromacy



## Original Color

85.2907, -19.3859, -0.3380

## Protanomaly

85.0102, -9.0647, 1.5386

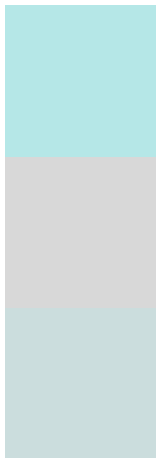
## Deuteranomaly

84.9677, -3.9833, -1.5066

## Tritanomaly

85.4469, -16.4567, -5.3802

# Monochromacy



## Original Color

85.2907, -19.3859, -0.3380

## Achromatopsia

82.8665, -4.4215, 4.5023

## Achromatomaly

83.4445, -10.1147, 2.6360

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.2907, -19.3859, -0.3380 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, 231, 231)` looks like.

```
.text, #text, p{  
    color:rgb(181, 231, 231)  
}
```

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, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 231, 231) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.2907, -19.3859, -0.3380 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, 231, 231) }
```



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

```
.border{ border-color:rgb(181, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(181, 231,  
231) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.2907, -19.3859, -0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 231, 231) }
```

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

```
.background{ background-color: rgb(181,  
231, 231) }
```

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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