

# Converting Colors

HunterLab(85.5555, -27.0094,  
19.0672)

Have a look what the booklet for  
HunterLab(85.5555, -27.0094,  
19.0672) contains.

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# **Color**

**HunterLab(85.6768,  
-27.2188, 19.0004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9EBBD
RGB	185, 235, 189
RGB Percent	73%, 92%, 74%
CMY	0.2745, 0.0784, 0.2588
CMYK	0.21, 0.00, 0.20, 0.08
HSL	125°, 56%, 82%
HSV	125°, 21%, 92%
XYZ	58.9013, 73.4051, 59.2084
YIQ	214.8060, -15.0340, -24.9060

# Conversions

## Conversions Part 2

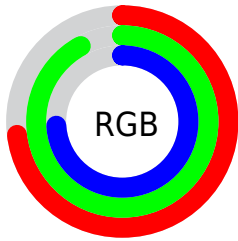
Format	Color
R <sub>YB</sub>	185, 231, 235
Decimal	12184509
CIE Lab	88.64, -24.75, 17.17
CIE LCh	89, 30.128, 145.252
Yxy	73.4083, 0.3076, 0.3833
Android (android.graphics.Color)	4290374589 (0xFFB9EBBD)
YUV	214.8060, -12.7224, -26.1399
Hunter-Lab	85.6768, -27.2188, 19.0004

# Details

The HunterLab color  $85.6768, -27.2188, 19.0004$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $76.2439, 21.1755, -11.4409$ , and the grayscale version is  $82.4100, -4.3972, 4.4775$ .

A 20% lighter version of the original color is  $98.4834, -11.2894, 8.4803$ , and  $62.3242, -23.3631, 15.8363$  is the 20% darker color. If you saturate the color by 10%, you get  $83.5781, -36.2304, 24.7996$ , and if you desaturate by 10%, it is  $88.0832, -17.2072, 12.6595$ .

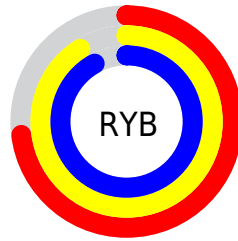
# Distribution



Red (73%)

Green (92%)

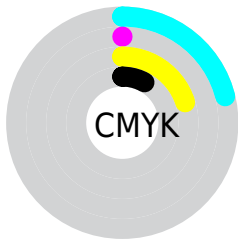
Blue (74%)



Red (73%)

Yellow (91%)

Blue (92%)

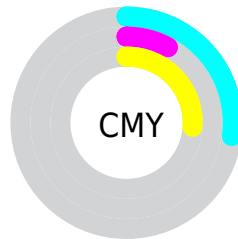


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (8%)



Cyan (27%)

Magenta (8%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.6768, -27.2188, 19.0004 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 85.6768, -27.2188, 19.0004 by changing the saturation by 10% instead.





 85.6768, -27.2188,  
19.0004

 85.6768, -27.2188,  
19.0004


217.3542,  
-43.2975, 32.2873

 73.6952, -25.3444,  
17.5059


 111.3807,  
-30.8850, 21.9586

 62.3293, -23.4270,  
15.9909


125.0501,  
-32.6862, 23.4289

 51.6165, -21.4554,  
14.4475


139.2371,  
-34.4732, 24.8978

 41.5993, -19.4113,  
12.8630

153.9233,  
-36.2494, 26.3676

 32.3298, -17.2678,  
11.2185

169.0924,  
-38.0177, 27.8401

 23.8742, -14.9829,  
9.4848


184.7295,

 16.3199, -12.4857,


-39.7805, 29.3167


7.6132


200.8209,  
-41.5399, 30.7988


 9.7910, -11.5732,  
6.8537


0.0000, NaN, NaN


 85.6768, -27.2188,  
19.0004


 85.6768, -27.2188,  
19.0004


 83.5781, -36.2304,  
24.7996


 88.0832, -17.2072,  
12.6595

 81.7868, -44.1266,  
29.9806

 90.7831, -6.3126,  
5.8517

 80.3053, -50.8201,  
34.4808

 93.7158, 5.1670,  
-1.4112

 79.1286, -56.2542,  
38.2532

 93.7548, 5.3761,  
-1.9640

■ 78.2452, -60.4139,  
41.2727

■ 77.6361, -63.3351,  
43.5411

■ 77.2731, -65.1131,  
45.0904

■ 77.1141, -65.9108,  
45.8966

# Harmonies

## Analogous

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



85.6786, -16.6517, 26.1304



85.6768, -27.2188, 19.0004



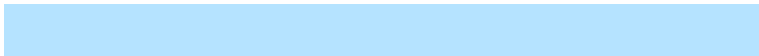
85.6786, -31.7151, 6.9256

# Triad

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



85.6786, -27.2205, 19.0014



85.6786, -6.9738, -27.8005



85.6786, 23.3922, 15.6624

# Complementary

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



85.6768, -27.2188, 19.0004



76.2439, 21.1755, -11.4409

# 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.



85.6786, 26.4274, 2.3384



85.6768, -27.2188, 19.0004



85.6786, 8.2075, -24.3729

# Square

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



85.6786, -27.2205, 19.0014



85.6786, -20.5543, -21.3707



85.6786, 20.6953, -12.6803

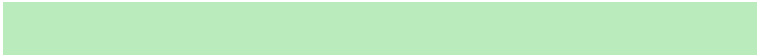


85.6786, 12.6660, 24.4503



# Rectangle

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



85.6768, -27.2188, 19.0004



85.6786, -30.9065, -2.9505



85.6786, 20.6953, -12.6803



85.6786, 25.3761, 11.6375

# Sweetspot

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



85.6786, -27.2205, 19.0014



98.1525, -12.7136, 10.0251



89.4557, -13.5990, 24.4624



45.3200, -6.2446, 4.8648

0.0000, NaN, NaN

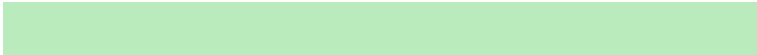


46.2646, -2.4686, 2.5136

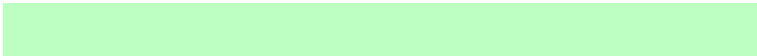


# Same Dimension

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



85.6786, -27.2205, 19.0014



92.8417, -34.7911, 24.0036



86.3454, -23.4070, 9.4159



41.0874, -7.0964, 5.3164



57.5336, -49.1300, 34.1456



16.1432, -13.6352, 9.2568



# Inverse Universe

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



76.2439, 21.1755, -11.4409



80.2554, 29.8800, -16.6549



75.3992, 16.8046, 0.5019



39.1047, 3.0486, -1.0699



35.5017, 68.6111, -37.6268

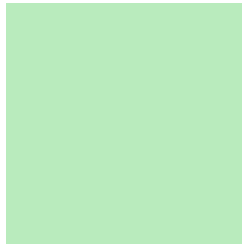


9.9794, 19.3345, -10.9511



# Previews

## White Background



This preview shows how the HunterLab color 85.6768, -27.2188, 19.0004 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

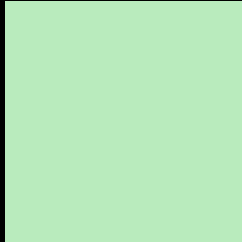
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.6768, -27.2188, 19.0004 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

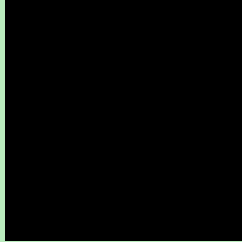
Any Text WCAG AA ✓ Pass

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 85.6768, -27.2188, 19.0004 Background



This preview shows how black text looks on a background with the HunterLab color 85.6768, -27.2188, 19.0004.



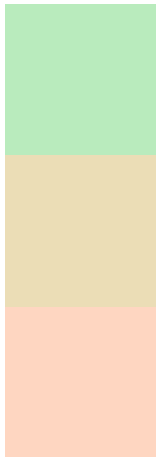
This preview shows how white text looks on a background with the HunterLab color 85.6768,

-27.2188, 19.0004.

# 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

85.6768, -27.2188, 19.0004

### Protanopia

85.2951, -5.7865, 21.6941

### Deuteranopia

85.4484, 6.1890, 17.7541



## Tritanopia

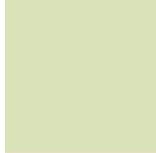
85.5177, -10.9430, -7.3880

# Trichromacy



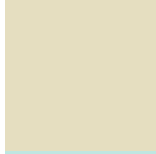
## Original Color

85.6768, -27.2188, 19.0004



## Protanomaly

85.2333, -13.9355, 20.3482



## Deuteranomaly

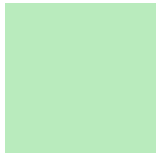
85.2680, -6.9750, 17.7438



## Tritanomaly

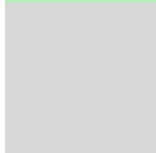
85.5022, -17.3266, 2.9866

# Monochromacy



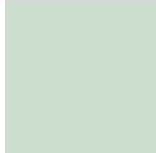
## Original Color

85.6768, -27.2188, 19.0004



## Achromatopsia

82.4344, -4.3985, 4.4788



## Achromatomaly

83.3883, -12.8628, 9.6406

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.6768, -27.2188, 19.0004 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(185, 235, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 235, 189)  
}
```

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(185, 235, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 235, 189) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.6768, -27.2188, 19.0004 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(185, 235, 189) }
```



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

```
.border{ border-color:rgb(185, 235, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 235, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 235, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 235, 189);  
box-shadow:4px 4px 4px 4px rgb(185, 235,  
189) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.6768, -27.2188, 19.0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 235, 189) }
```

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

```
.background{ background-color: rgb(185,  
235, 189) }
```

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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