

# Converting Colors

HunterLab(85.5558, -33.0763,  
20.3321)

Have a look what the booklet for  
HunterLab(85.5558, -33.0763,  
20.3321) contains.

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# Color

**HunterLab(85.5558,  
-33.0763, 20.3321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAEEB9
RGB	170, 238, 185
RGB Percent	67%, 93%, 73%
CMY	0.3333, 0.0666, 0.2745
CMYK	0.29, 0.00, 0.22, 0.07
HSL	133°, 67%, 80%
HSV	133°, 29%, 93%
XYZ	55.9091, 73.1979, 57.0809
YIQ	211.6260, -23.5150, -30.8990

# Conversions

## Conversions Part 2

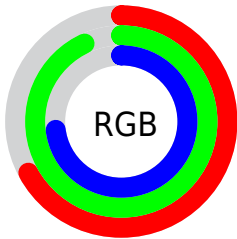
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 226, 238</a>
Decimal	<a href="#">11202233</a>
CIELab	<a href="#">88.54, -31.67, 18.98</a>
CIELCh	<a href="#">89, 36.926, 149.068</a>
Yxy	<a href="#">73.2010, 0.3003, 0.3931</a>
Android (android.graphics.Color)	<a href="#">4289392313 (0xFFAAEEB9)</a>
YUV	<a href="#">211.6260, -13.1266, -36.5060</a>
Hunter-Lab	<a href="#">85.5558, -33.0763, 20.3321</a>

# Details

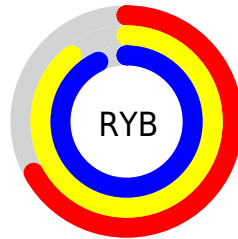
The HunterLab color  $85.5558, -33.0763, 20.3321$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $72.2883, 28.9525, -12.2109$ , and the grayscale version is  $81.0428, -4.3242, 4.4032$ .

A 20% lighter version of the original color is  $97.0576, -16.6236, 8.6790$ , and  $62.3176, -28.5809, 17.1302$  is the 20% darker color. If you saturate the color by 10%, you get  $83.6966, -41.1342, 25.1429$ , and if you desaturate by 10%, it is  $87.7116, -24.0261, 15.2011$ .

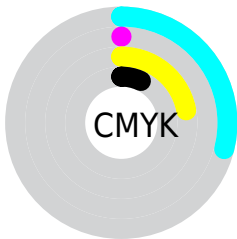
# Distribution



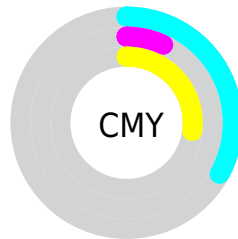
- Red (67%)
- Green (93%)
- Blue (73%)



- Red (67%)
- Yellow (89%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (22%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.5558, -33.0763, 20.3321 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 85.5558, -33.0763, 20.3321 by changing the saturation by 10% instead.



■ 85.5558, -33.0763,  
20.3321

■ 85.5558, -33.0763,  
20.3321

217.1891,  
-51.7983, 34.3034

■ 73.5801, -30.8346,  
18.7414

■ 111.2486,  
-37.4185, 23.4666

■ 62.2205, -28.5261,  
17.1236

124.9128,  
-39.5341, 25.0186

■ 51.5143, -26.1341,  
15.4693

139.0948,  
-41.6222, 26.5655

■ 41.5042, -23.6333,  
13.7639

153.7762,  
-43.6878, 28.1101

■ 32.2424, -20.9865,  
11.9858

168.9406,  
-45.7350, 29.6546

■ 23.7952, -18.1361,  
10.1019

184.5732,

■ 16.2503, -14.9853,

-47.7673, 31.2007

8.0615

200.6602,  
-49.7876, 32.7499

■ 9.7323, -14.7252,  
6.8126

0.0000, NaN, NaN

■ 85.5558, -33.0763,  
20.3321

■ 85.5558, -33.0763,  
20.3321

■ 83.6966, -41.1342,  
25.1429

■ 87.7116, -24.0261,  
15.2011

■ 82.1303, -48.1074,  
29.5701

■ 90.1530, -14.0829,  
9.8086

■ 80.8557, -53.9342,  
33.5594

■ 92.8730, -3.3594,  
4.2152

■ 79.8643, -58.5852,  
37.0644

■ 94.6741, 3.7548,  
-0.8449

■ 79.1409, -62.0724,  
40.0510

■ 78.6626, -64.4575,  
42.4999

■ 78.3908, -65.8855,  
44.4026

■ 78.3610, -66.0443,  
44.6263

# Harmonies

## Analogous

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



85.5576, -21.2257, 29.3316



85.5558, -33.0763, 20.3321



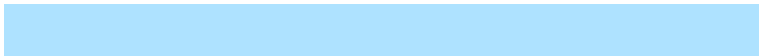
85.5576, -37.4059, 5.2076

# Triad

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



85.5576, -33.0778, 20.3331



85.5576, -5.1496, -36.7110



85.5576, 28.9074, 19.5623

# Complementary

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



85.5558, -33.0763, 20.3321



72.2883, 28.9525, -12.2109

# 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.



85.5576, 34.1132, 4.1030



85.5558, -33.0763, 20.3321



85.5576, 13.4667, -30.6427

# Square

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



85.5576, -33.0778, 20.3331



85.5576, -22.1506, -29.8770



85.5576, 28.2414, -14.6937

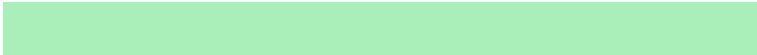


85.5576, 14.5564, 28.9578



# Rectangle

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



85.5558, -33.0763, 20.3321



85.5576, -35.7516, -7.1911



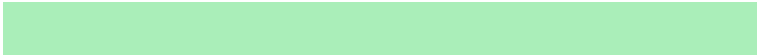
85.5576, 28.2414, -14.6937



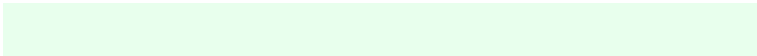
85.5576, 31.8363, 15.0211

# Sweetspot

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



85.5576, -33.0778, 20.3331



97.3679, -15.7454, 10.8818



89.3226, -19.7322, 29.4508



44.8606, -8.0341, 5.4347

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

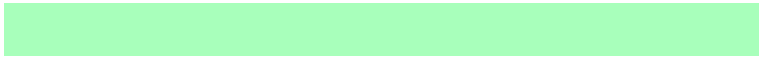


# Same Dimension

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



85.5576, -33.0778, 20.3331



91.3695, -40.7509, 24.9257



86.4863, -27.7115, 6.9880



42.0874, -7.0298, 4.8243



58.5420, -49.2446, 33.1326



16.9279, -13.9363, 8.9261



# Inverse Universe

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



72.2883, 28.9525, -12.2109



74.4480, 38.5589, -16.5741



71.1434, 23.1575, 3.9932



39.9603, 2.8641, -0.3915



34.8242, 65.3408, -21.7089

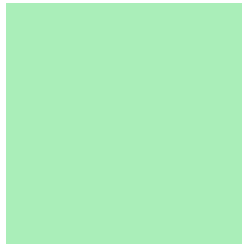


10.1164, 19.1019, -7.2390



# Previews

## White Background



This preview shows how the HunterLab color 85.5558, -33.0763, 20.3321 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

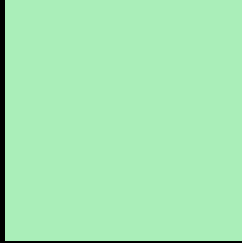
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.5558, -33.0763, 20.3321 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

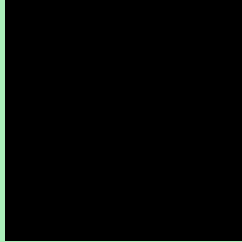
Any Text WCAG AA ✓ Pass

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 85.5558, -33.0763, 20.3321 Background



This preview shows how black text looks on a background with the HunterLab color 85.5558, -33.0763, 20.3321.



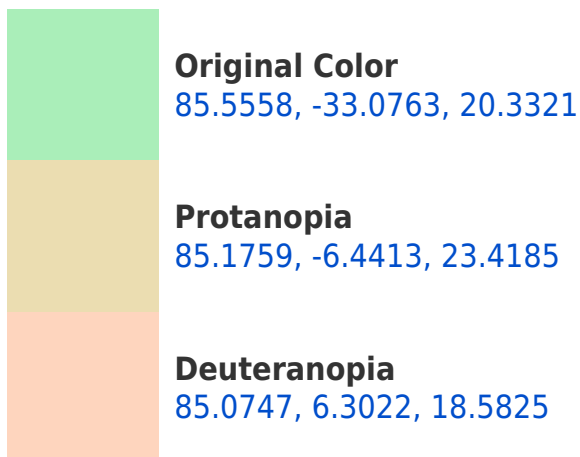
This preview shows how white text looks on a background with the HunterLab color 85.5558,

-33.0763, 20.3321.

# 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

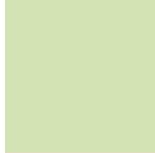
85.6248, -15.3160, -9.0000

# Trichromacy



## Original Color

85.5558, -33.0763, 20.3321



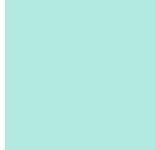
## Protanomaly

84.9013, -17.0249, 21.8634



## Deuteranomaly

84.5940, -9.5553, 18.6135



## Tritanomaly

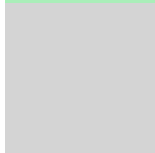
85.5448, -22.2321, 2.9516

# Monochromacy



## Original Color

85.5558, -33.0763, 20.3321



## Achromatopsia

81.1403, -4.3294, 4.4085



## Achromatomaly

82.3696, -15.1132, 10.2706

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.5558, -33.0763, 20.3321 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(170, 238, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 185)  
}
```

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(170, 238, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 185) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.5558, -33.0763, 20.3321 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(170, 238, 185) }
```



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

```
.border{ border-color:rgb(170, 238, 185) }
```

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

Here you see how a box with a 4 pixel rgb(170, 238, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
185) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.5558, -33.0763, 20.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 185) }
```

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

```
.background{ background-color: rgb(170,  
238, 185) }
```

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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