

# Converting Colors

HunterLab(83.5465, -34.6678,  
5.0957)

Have a look what the booklet for  
HunterLab(83.5465, -34.6678,  
5.0957) contains.

<b>HunterLab(83.3510, -34.5771, 5.0238)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(83.3510,  
-34.5771, 5.0238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87EBD7
RGB	135, 235, 215
RGB Percent	53%, 92%, 84%
CMY	0.4706, 0.0784, 0.1569
CMYK	0.43, 0.00, 0.09, 0.08
HSL	168°, 71%, 73%
HSV	168°, 43%, 92%
XYZ	51.9658, 69.4739, 74.9609
YIQ	202.8200, -53.1800, -27.4200

# Conversions

## Conversions Part 2

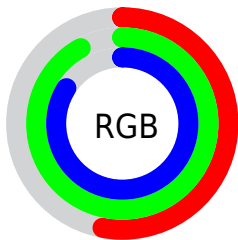
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 191, 235
Decimal	8907735
CIELab	86.74, -33.99, 0.54
CIELCh	87, 33.993, 179.095
Yxy	69.4767, 0.2646, 0.3537
Android (android.graphics.Color)	4287097815 (0xFF87EBD7)
YUV	202.8200, 6.0047, -59.4781
Hunter-Lab	83.3510, -34.5771, 5.0238

# Details

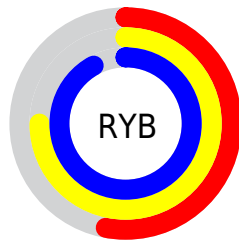
The HunterLab color **83.3510, -34.5771, 5.0238** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.1217, 35.6804, 8.2039**, and the grayscale version is **77.1950, -4.1189, 4.1942**.

A 20% lighter version of the original color is **94.9091, -23.5261, -1.0310**, and **60.2960, -29.9514, 3.9269** is the 20% darker color. If you saturate the color by 10%, you get **82.1581, -39.4920, 5.7905**, and if you desaturate by 10%, it is **84.7885, -28.8270, 4.5384**.

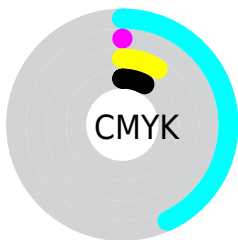
# Distribution



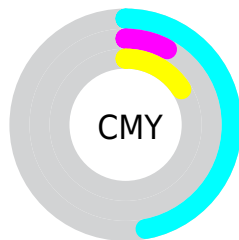
- Red (53%)
- Green (92%)
- Blue (84%)



- Red (53%)
- Yellow (75%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)




- Cyan (47%)
- Magenta (8%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.3510, -34.5771, 5.0238 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 83.3510, -34.5771, 5.0238 by changing the saturation by 10% instead.




 83.3510, -34.5771,  
5.0238


 83.3510, -34.5771,  
5.0238


214.1752,  
-54.2378, 12.3272

 71.4843, -32.1982,  
4.3544


 108.8403,  
-39.1654, 6.4579

 60.2397, -29.7416,  
3.7164


 122.4090,  
-41.3940, 7.2179

 49.6557, -27.1873,  
3.1128


 136.4990,  
-43.5893, 8.0054

 39.7764, -24.5054,  
2.5456

151.0916,  
-45.7571, 8.8196

 30.6561, -21.6523,  
2.0172

166.1700,  
-47.9023, 9.6597

 22.3644, -18.5594,  
1.5306

181.7191,

 14.9942, -15.1101,

-50.0287, 10.5247

1.0897

197.7251,  
-52.1396, 11.4141

■ 8.6378, -15.1161,  
0.7278

0.0000, NaN, NaN

■ 83.3510, -34.5771,  
5.0238

■ 83.3510, -34.5771,  
5.0238

■ 82.1581, -39.4920,  
5.7905

■ 84.7885, -28.8270,  
4.5384

■ 81.1978, -43.5525,  
6.8190

■ 86.4687, -22.2763,  
4.3400

■ 80.4601, -46.7688,  
8.0867

■ 88.3929, -14.9794,  
4.4319

■ 79.9282, -49.1805,  
9.5624

■ 90.5578, -7.0008,  
4.8106

■ 79.5779, -50.8643,  
11.2064

■ 92.9580, 1.5886,  
5.4675

■ 79.4039, -51.7650,  
12.4978

■ 93.3609, 3.2594,  
3.6327

■ 93.5150, 4.0894,  
1.4385

■ 93.6728, 4.9377,  
-0.8041

■ 93.7545, 5.3766,  
-1.9644

# Harmonies

## Analogous

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



83.3527, -30.5937, 18.9314



83.3510, -34.5771, 5.0238



83.3527, -31.0419, -11.9758

# Triad

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



83.3527, -34.5780, 5.0249



83.3527, 11.9816, -27.3251



83.3527, 12.9421, 26.9809

# Complementary

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



83.3510, -34.5771, 5.0238



61.1217, 35.6804, 8.2039

# 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.



83.3527, 25.9554, 18.2388



83.3510, -34.5771, 5.0238



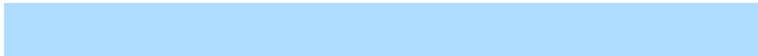
83.3527, 25.3704, -12.9936

# Square

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



83.3527, -34.5780, 5.0249



83.3527, -4.9656, -32.7609



83.3527, 30.6723, 4.0464



83.3527, -3.9370, 29.9485



# Rectangle

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



83.3510, -34.5771, 5.0238



83.3527, -24.7220, -22.4363



83.3527, 30.6723, 4.0464



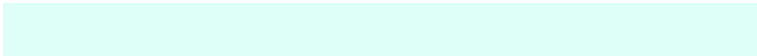
83.3527, 17.9617, 24.7188

# Sweetspot

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



83.3527, -34.5780, 5.0249



96.8639, -16.8570, 4.8496



82.6459, -41.1246, 33.7611



44.5879, -8.6471, 2.2223

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.3527, -34.5780, 5.0249



90.2954, -42.6658, 6.2243



74.5761, -17.4822, -16.8421



41.3125, -5.8397, 2.0966



59.2515, -38.5212, 9.0970



16.6429, -10.5553, 1.9836



# Inverse Universe

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



61.1217, 35.6804, 8.2039



61.7639, 48.4095, 10.8157



67.6214, 18.3801, 21.8910



38.8630, 1.7521, 2.3690



31.5571, 54.4502, 17.2304

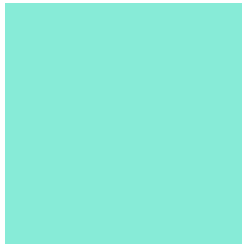


8.9184, 15.5365, 3.7204



# Previews

## White Background



This preview shows how the HunterLab color 83.3510, -34.5771, 5.0238 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

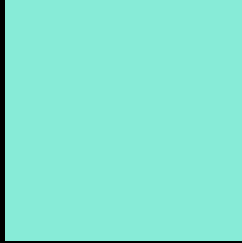
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.3510, -34.5771, 5.0238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

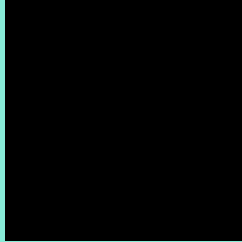
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

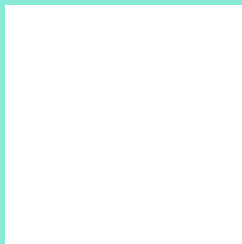
Any Text WCAG AAA ✓ Pass

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

## HunterLab 83.3510, -34.5771, 5.0238 Background



This preview shows how black text looks on a background with the HunterLab color 83.3510, -34.5771, 5.0238.



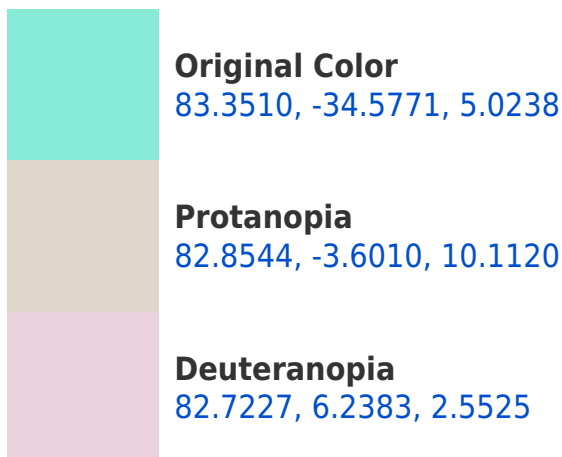
This preview shows how white text looks on a background with the HunterLab color 83.3510, -34.5771, 5.0238.

-34.5771, 5.0238.

# 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

83.2841, -23.8012, -12.8997

# Trichromacy



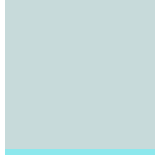
## Original Color

83.3510, -34.5771, 5.0238



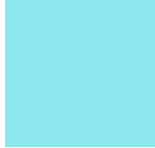
## Protanomaly

82.3851, -16.3579, 7.5330



## Deuteranomaly

82.0651, -10.3249, 2.4659



## Tritanomaly

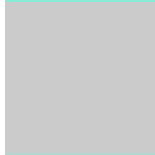
83.3609, -27.8382, -6.1062

# Monochromacy



## Original Color

83.3510, -34.5771, 5.0238



## Achromatopsia

77.2788, -4.1234, 4.1987



## Achromatomaly

79.1017, -16.7460, 4.2024

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.3510, -34.5771, 5.0238 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(135, 235, 215)` looks like.

```
.text, #text, p{  
    color:rgb(135, 235, 215)  
}
```

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(135, 235, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 235, 215) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.3510, -34.5771, 5.0238 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(135, 235, 215) }
```



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

```
.border{ border-color:rgb(135, 235, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 235, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 235, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 235, 215);  
box-shadow:4px 4px 4px 4px rgb(135, 235,  
215) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.3510, -34.5771, 5.0238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 235, 215) }
```

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

```
.background{ background-color: rgb(135,  
235, 215) }
```

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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