

Converting Colors

HunterLab(83.9624, -33.8041,
-1.0476)

Have a look what the booklet for
HunterLab(83.9624, -33.8041,
-1.0476) contains.

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Color

**HunterLab(83.8541,
-33.5161, -1.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	81ECE5
RGB	129, 236, 229
RGB Percent	51%, 93%, 90%
CMY	0.4941, 0.0745, 0.1020
CMYK	0.45, 0.00, 0.03, 0.07
HSL	176°, 74%, 72%
HSV	176°, 45%, 93%
XYZ	53.1915, 70.3151, 84.8974
YIQ	203.2090, -61.5250, -24.8610

Conversions

Conversions Part 2

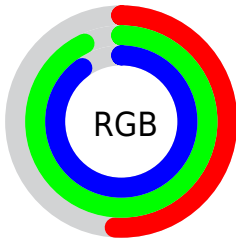
Format	Color
RYB	129, 184, 236
Decimal	8514789
CIELab	87.15, -32.58, -6.23
CIELCh	87, 33.170, 190.830
Yxy	70.3179, 0.2552, 0.3374
Android (android.graphics.Color)	4286704869 (0xFF81ECE5)
YUV	203.2090, 12.7150, -65.0813
Hunter-Lab	83.8541, -33.5161, -1.3298

Details

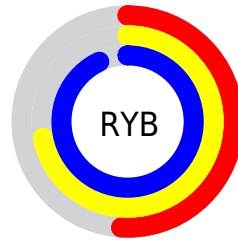
The HunterLab color **83.8541, -33.5161, -1.3298** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.4246, 36.8509, 14.0202**, and the grayscale version is **77.3360, -4.1265, 4.2018**.

A 20% lighter version of the original color is **94.5012, -25.0278, -1.5638**, and **60.7978, -28.8413, -2.0929** is the 20% darker color. If you saturate the color by 10%, you get **82.8204, -37.6076, -1.8876**, and if you desaturate by 10%, it is **85.1299, -28.5820, -0.4636**.

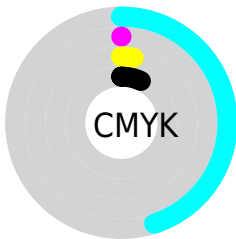
Distribution



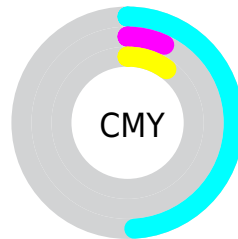
- Red (51%)
- Green (93%)
- Blue (90%)



- Red (51%)
- Yellow (72%)
- Blue (93%)



- Cyan (45%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)





- Cyan (49%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.8541, -33.5161, -1.3298 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 83.8541, -33.5161, -1.3298 by changing the saturation by 10% instead.


 83.8541, -33.5161,
-1.3298


 83.8541, -33.5161,
-1.3298


214.8640,
-52.6178, 3.7610


 71.9623, -31.2164,
-1.7039


 109.3901,
-37.9594, -0.4486

 60.6913, -28.8452,
-2.0317


 122.9807,
-40.1211, 0.0508

 50.0792, -26.3835,
-2.3076


 137.0918,
-42.2527, 0.5869

 40.1697, -23.8036,
-2.5264

151.7048,
-44.3595, 1.1579

 31.0169, -21.0648,
-2.6812

166.8029,
-46.4461, 1.7621

 22.6894, -18.1032,
-2.7630

182.3712,

 15.2788, -14.8106,

-48.5160, 2.3982

-2.7595

198.3958,
-50.5724, 3.0648

■ 8.8985, -15.5723,
-2.6851

0.0000, NaN, -NF

■ 83.8541, -33.5161,
-1.3298

■ 83.8541, -33.5161,
-1.3298

■ 82.8204, -37.6076,
-1.8876

■ 85.1299, -28.5820,
-0.4636

■ 82.0149, -40.8535,
-2.1476

■ 86.6479, -22.8267,
0.7068

■ 81.4252, -43.2799,
-2.1248

■ 88.4111, -16.2926,
2.1754

■ 81.0320, -44.9433,
-1.8447

■ 90.4180, -9.0351,
3.9291

■ 80.8082, -45.9376,
-1.3446

■ 92.6643, -1.1189,
5.9507

■ 80.7404, -46.2560,
-1.0651

■ 93.5104, 1.8730,
6.2349

■ 93.5592, 2.1368,
5.5382

■ 93.6085, 2.4025,
4.8362

■ 93.6581, 2.6703,
4.1290

Harmonies

Analogous

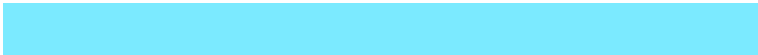
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.8557, -32.4845, 13.9138



83.8541, -33.5161, -1.3298



83.8557, -27.2367, -17.7522

Triad

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



83.8557, -33.5168, -1.3286



83.8557, 17.3712, -21.7401



83.8557, 6.2348, 28.4301

Complementary

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



83.8541, -33.5161, -1.3298



59.4246, 36.8509, 14.0202

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.



83.8557, 20.9989, 22.0514



83.8541, -33.5161, -1.3298



83.8557, 27.7653, -6.0030

Square

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



83.8557, -33.5168, -1.3286



83.8557, 1.5883, -30.9675



83.8557, 29.1422, 10.0587



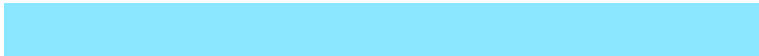
83.8557, -10.3782, 29.1973

Rectangle

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



83.8541, -33.5161, -1.3298



83.8557, -19.4405, -26.4243



83.8557, 29.1422, 10.0587



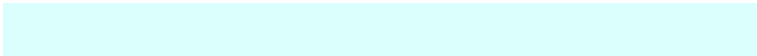
83.8557, 11.6114, 26.9391

Sweetspot

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



83.8557, -33.5168, -1.3286



96.7972, -16.8179, 2.6032



81.7460, -46.6825, 34.4896



44.5759, -8.5381, 1.0271

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.8557, -33.5168, -1.3286



90.5405, -40.6111, -2.0094



68.8432, -10.2022, -26.1051



41.3568, -5.5931, 1.4648



59.9502, -34.3038, -0.8805



16.8146, -9.5208, -0.4641

Inverse Universe

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



59.4246, 36.8509, 14.0202



59.6381, 49.5431, 17.8877



70.8682, 11.8886, 26.4999



38.8201, 1.5215, 2.9808



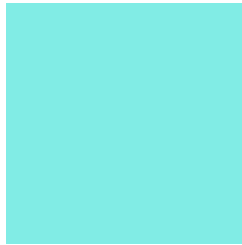
31.3942, 53.8470, 19.6399



8.8292, 15.2073, 5.0310

Previews

White Background



This preview shows how the HunterLab color 83.8541, -33.5161, -1.3298 looks on a white background.

Color Contrast Check

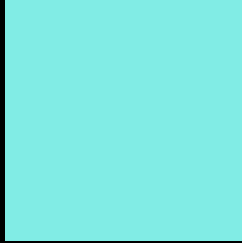
Large Text (above 18pt) WCAG AA × Fail

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 83.8541, -33.5161, -1.3298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

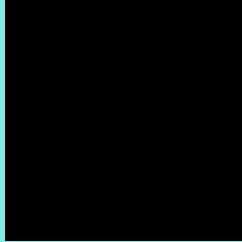
Any Text WCAG AA ✓ Pass

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 83.8541, -33.5161, -1.3298 Background



This preview shows how black text looks on a background with the HunterLab color 83.8541, -33.5161, -1.3298.



This preview shows how white text looks on a background with the HunterLab color 83.8541,

-33.5161, -1.3298.

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

83.8541, -33.5161, -1.3298

Protanopia

83.3628, -2.6380, 4.6326

Deuteranopia

83.2779, 5.9726, -3.9998



Tritanopia

83.9506, -26.3450, -13.1882

Trichromacy



Original Color

83.8541, -33.5161, -1.3298



Protanomaly

82.8777, -15.4264, 1.8613



Deuteranomaly

82.6741, -10.4906, -3.9906



Tritanomaly

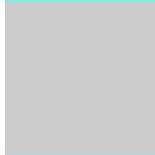
83.8470, -29.0622, -8.8023

Monochromacy



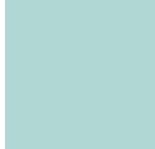
Original Color

83.8541, -33.5161, -1.3298



Achromatopsia

77.2788, -4.1234, 4.1987



Achromatomaly

79.1103, -16.4007, 1.7784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8541, -33.5161, -1.3298 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(129, 236, 229)` looks like.

```
.text, #text, p{  
    color:rgb(129, 236, 229)  
}
```

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(129, 236, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 236, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8541, -33.5161, -1.3298 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(129, 236, 229) }
```


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

```
.border{ border-color:rgb(129, 236, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 236, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 236, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 236, 229);  
box-shadow:4px 4px 4px 4px rgb(129, 236,  
229) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.8541, -33.5161, -1.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 236, 229) }
```

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

```
.background{ background-color: rgb(129,  
236, 229) }
```

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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