

Converting Colors

HunterLab(83.0458, -33.7573,
-5.3167)

Have a look what the booklet for
HunterLab(83.0458, -33.7573,
-5.3167) contains.

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Color

**HunterLab(83.1846,
-33.9043, -5.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	75EBEB
RGB	117, 235, 235
RGB Percent	46%, 92%, 92%
CMY	0.5412, 0.0784, 0.0784
CMYK	0.50, 0.00, 0.00, 0.08
HSL	180°, 75%, 69%
HSV	180°, 50%, 92%
XYZ	52.0399, 69.1968, 89.2108
YIQ	199.7180, -70.3280, -25.0160

Conversions

Conversions Part 2

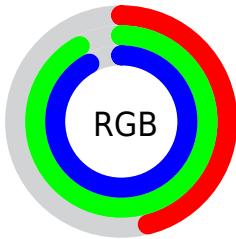
Format	Color
RYB	117, 176, 235
Decimal	7728107
CIELab	86.60, -33.20, -10.25
CIELCh	87, 34.749, 197.150
Yxy	69.1994, 0.2473, 0.3288
Android (android.graphics.Color)	4285918187 (0xFF75EBEB)
YUV	199.7180, 17.3940, -72.5437
Hunter-Lab	83.1846, -33.9043, -5.3560

Details

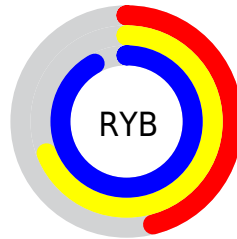
The HunterLab color **83.1846, -33.9043, -5.3560** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.2772, 40.5523, 17.6546**, and the grayscale version is **75.8301, -4.0461, 4.1200**.

A 20% lighter version of the original color is **93.8547, -27.4221, -2.4129**, and **60.1653, -29.2733, -5.4662** is the 20% darker color. If you saturate the color by 10%, you get **82.3230, -37.2325, -6.5322**, and if you desaturate by 10%, it is **84.2833, -29.7304, -3.8768**.

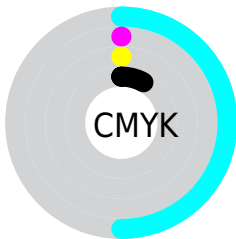
Distribution



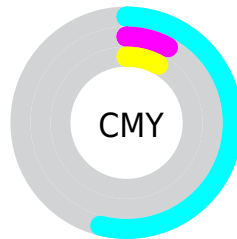
- Red (46%)
- Green (92%)
- Blue (92%)



- Red (46%)
- Yellow (69%)
- Blue (92%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (54%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1846, -33.9043, -5.3560 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 83.1846, -33.9043, -5.3560 by changing the saturation by 10% instead.

83.1846, -33.9043,
-5.3560

83.1846, -33.9043,
-5.3560

213.9472,
-53.2621, -1.5385

71.3261, -31.5669,
-5.5641

108.6584,
-38.4150, -4.7888

60.0903, -29.1549,
-5.7191

122.2198,
-40.6076, -4.4386

49.5156, -26.6483,
-5.8148

136.3028,
-42.7684, -4.0471

39.6463, -24.0182,
-5.8452

150.8886,
-44.9032, -3.6165

30.5369, -21.2218,
-5.8030

165.9605,
-47.0164, -3.1487

22.2571, -18.1920,
-5.6796

181.5033,

14.9003, -14.8146,

-49.1119, -2.6454

-5.4665

197.5031,
-51.1929, -2.1082

■ 8.5496, -14.9619,
-5.2677

0.0000, NaN, -NF

■ 83.1846, -33.9043,
-5.3560

■ 83.1846, -33.9043,
-5.3560

■ 82.3230, -37.2325,
-6.5322

■ 84.2833, -29.7304,
-3.8768

■ 81.6819, -39.7290,
-7.4149

■ 85.6215, -24.7181,
-2.1005

■ 81.2464, -41.4379,
-8.0188

■ 87.2044, -18.8970,
-0.0355

■ 80.9934, -42.4352,
-8.3711

■ 89.0321, -12.3132,
2.3029

■ 80.8808, -42.8801,
-8.5281

■ 91.1020, -5.0245,
4.8949

■ 93.1006, 1.8554,
7.3449

■ 93.1007, 1.8555,
7.3447

■ 93.1007, 1.8555,
7.3445

■ 93.1007, 1.8556,
7.3443

Harmonies

Analogous

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



83.1862, -34.4566, 11.2633



83.1846, -33.9043, -5.3560



83.1862, -25.8805, -22.1752

Triad

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



83.1862, -33.9048, -5.3548



83.1862, 21.3789, -19.9976



83.1862, 3.0857, 29.8505

Complementary

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



83.1846, -33.9043, -5.3560



56.2772, 40.5523, 17.6546

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.



83.1862, 19.4124, 24.5486



83.1846, -33.9043, -5.3560



83.1862, 30.5399, -2.8221

Square

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



83.1862, -33.9048, -5.3548



83.1862, 5.5959, -31.7428



83.1862, 29.7921, 13.3298



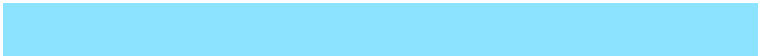
83.1862, -14.0274, 29.4469

Rectangle

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



83.1846, -33.9043, -5.3560



83.1862, -16.9715, -30.2330



83.1862, 29.7921, 13.3298



83.1862, 8.8737, 28.7309

Sweetspot

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



83.1862, -33.9048, -5.3548



96.6713, -17.1168, 1.2447



80.3887, -50.6968, 36.2338



44.5305, -8.6196, 0.3271

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.1862, -33.9048, -5.3548



90.3131, -40.8657, -7.1727



64.5059, -7.0471, -32.6199



41.3786, -5.4719, 1.1543



60.3375, -31.9888, -6.3620



16.9079, -8.9639, -1.7828

Inverse Universe

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



56.2772, 40.5523, 17.6546



56.3224, 54.7954, 22.4314



70.1670, 11.0613, 29.2080



38.7996, 1.4108, 3.2746



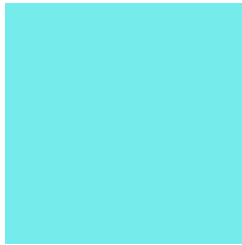
31.3525, 53.6922, 20.2591



8.7857, 15.0457, 5.6769

Previews

White Background



This preview shows how the HunterLab color 83.1846, -33.9043, -5.3560 looks on a white background.

Color Contrast Check

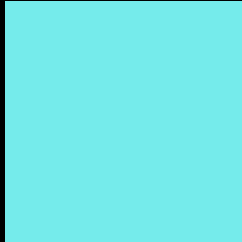
Large Text (above 18pt) WCAG AA × Fail

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 83.1846, -33.9043, -5.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

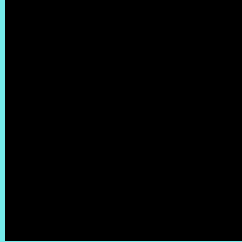
Any Text WCAG AA ✓ Pass

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 83.1846, -33.9043, -5.3560 Background



This preview shows how black text looks on a background with the HunterLab color 83.1846, -33.9043, -5.3560.



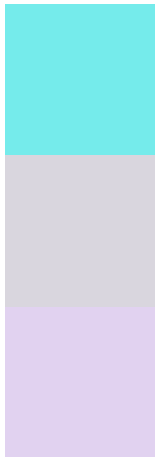
This preview shows how white text looks on a background with the HunterLab color 83.1846,

-33.9043, -5.3560.

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

83.1846, -33.9043, -5.3560

Protanopia

82.5341, -2.0253, 1.1771

Deuteranopia

82.6995, 5.9899, -8.0387



Tritanopia

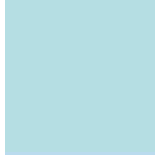
82.9995, -28.1749, -14.5450

Trichromacy



Original Color

83.1846, -33.9043, -5.3560



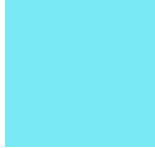
Protanomaly

82.2267, -15.7258, -2.0088



Deuteranomaly

82.0215, -10.7556, -8.1184



Tritanomaly

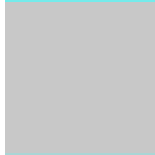
83.0273, -30.2666, -11.0574

Monochromacy



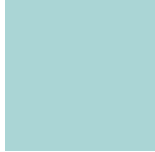
Original Color

83.1846, -33.9043, -5.3560



Achromatopsia

75.9987, -4.0551, 4.1292



Achromatomaly

78.0632, -16.8334, -0.0044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.1846, -33.9043, -5.3560 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(117, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(117, 235, 235)  
}
```

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(117, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 235, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 83.1846, -33.9043, -5.3560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

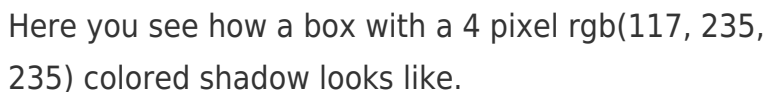
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 235, 235) }
```


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

```
.border{ border-color:rgb(117, 235, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 235, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 235, 235); box-shadow:4px 4px 4px 4px rgb(117, 235, 235) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.1846, -33.9043, -5.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 235, 235) }
```

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

```
.background{ background-color: rgb(117,  
235, 235) }
```

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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