

Converting Colors

HunterLab(82.8284, -36.0993,
0.1112)

Have a look what the booklet for
HunterLab(82.8284, -36.0993,
0.1112) contains.

HunterLab(82.8133, -36.0751, -0.0918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(82.8133,
-36.0751, -0.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	75EBE0
RGB	117, 235, 224
RGB Percent	46%, 92%, 88%
CMY	0.5412, 0.0784, 0.1216
CMYK	0.50, 0.00, 0.05, 0.08
HSL	174°, 75%, 69%
HSV	174°, 50%, 92%
XYZ	50.4990, 68.5804, 81.0968
YIQ	198.4640, -66.7970, -28.4370

Conversions

Conversions Part 2

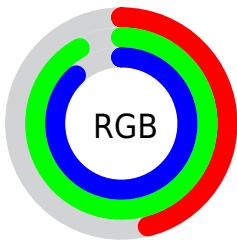
Format	Color
RYB	117, 179, 235
Decimal	7728096
CIELab	86.30, -35.97, -4.92
CIELCh	86, 36.300, 187.787
Yxy	68.5831, 0.2523, 0.3426
Android (android.graphics.Color)	4285918176 (0xFF75EBE0)
YUV	198.4640, 12.5892, -71.4439
Hunter-Lab	82.8133, -36.0751, -0.0918

Details

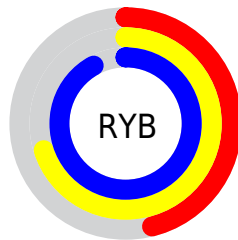
The HunterLab color **82.8133, -36.0751, -0.0918** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **56.5201, 41.6941, 14.1319**, and the grayscale version is **75.3149, -4.0186, 4.0920**.

A 20% lighter version of the original color is **93.7924, -27.6540, -2.4951**, and **59.8622, -31.1141, -0.8352** is the 20% darker color. If you saturate the color by 10%, you get **81.8757, -39.8692, -0.1940**, and if you desaturate by 10%, it is **83.9881, -31.4392, 0.3116**.

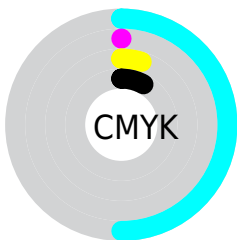
Distribution



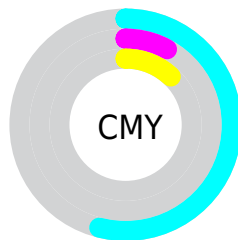
- Red (46%)
- Green (92%)
- Blue (88%)



- Red (46%)
- Yellow (70%)
- Blue (92%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (54%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8133, -36.0751, -0.0918 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 82.8133, -36.0751, -0.0918 by changing the saturation by 10% instead.

82.8133, -36.0751,
-0.0918

82.8133, -36.0751,
-0.0918

213.4383,
-56.5218, 5.3944

70.9734, -33.5843,
-0.5178

108.2524,
-40.8669, 0.8872

59.7572, -31.0079,
-0.8996

121.7977,
-43.1894, 1.4329

49.2034, -28.3235,
-1.2321

135.8650,
-45.4744, 2.0139

39.3564, -25.4987,
-1.5103

150.4357,
-47.7281, 2.6285

30.2713, -22.4855,
-1.7278

165.4930,
-49.9558, 3.2750

22.0181, -19.2090,
-1.8758

181.0216,

14.6913, -15.5418,

-52.1616, 3.9523

-1.9420

197.0076,
-54.3493, 4.6591

■ 8.3495, -14.6116,
-2.0352

0.0000, NaN, NaN

■ 82.8133, -36.0751,
-0.0918

■ 82.8133, -36.0751,
-0.0918

■ 81.8757, -39.8692,
-0.1940

■ 83.9881, -31.4392,
0.3116

■ 81.1593, -42.8293,
-0.0118


■ 85.4019, -25.9745,
1.0183


■ 80.6496, -44.9939,
0.4335

■ 87.0593, -19.7163,
2.0275


■ 80.3241, -46.4348,
1.1098

■ 88.9599, -12.7153,
3.3311

 80.1422, -47.3008,
1.9381

 91.1005, -5.0328,
4.9158

 93.1676, 2.2171,
6.3885

 93.2368, 2.5907,
5.4008

 93.3068, 2.9683,
4.4025

 93.3776, 3.3499,
3.3938

Harmonies

Analogous

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



82.8149, -34.1623, 16.0413



82.8133, -36.0751, -0.0918



82.8149, -30.1013, -18.3761

Triad

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



82.8149, -36.0757, -0.0907



82.8149, 17.9294, -26.0526



82.8149, 9.1077, 29.6147

Complementary

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



82.8133, -36.0751, -0.0918



56.5201, 41.6941, 14.1319

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.



82.8149, 24.8232, 22.2904



82.8133, -36.0751, -0.0918



82.8149, 30.2127, -8.9675

Square

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



82.8149, -36.0757, -0.0907



82.8149, 0.3312, -35.3197



82.8149, 32.8378, 8.8569



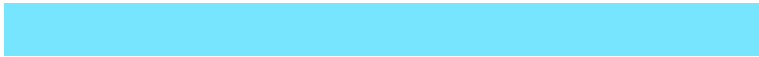
82.8149, -9.0727, 30.9973

Rectangle

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



82.8133, -36.0751, -0.0918



82.8149, -22.1210, -28.5663



82.8149, 32.8378, 8.8569



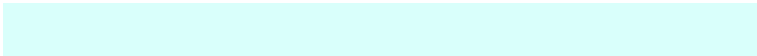
82.8149, 14.8980, 27.8555

Sweetspot

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



82.8149, -36.0757, -0.0907



96.5535, -17.7770, 2.9207



80.8426, -48.8618, 36.6155



44.4682, -8.9701, 1.2139

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.8149, -36.0757, -0.0907



89.8219, -43.7612, -0.2126



67.5748, -11.8709, -27.5323



41.3476, -5.6443, 1.5961



59.7951, -35.2352, 1.3239



16.7770, -9.7468, 0.0708

Inverse Universe

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



56.5201, 41.6941, 14.1319



56.5950, 56.0066, 18.4592



67.5067, 16.1496, 27.0975



38.8289, 1.5689, 2.8552



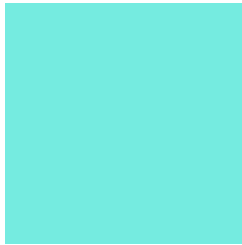
31.4164, 53.9292, 19.3111



8.8477, 15.2756, 4.7585

Previews

White Background



This preview shows how the HunterLab color 82.8133, -36.0751, -0.0918 looks on a white background.

Color Contrast Check

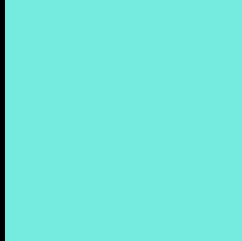
Large Text (above 18pt) WCAG AA × Fail

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 82.8133, -36.0751, -0.0918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

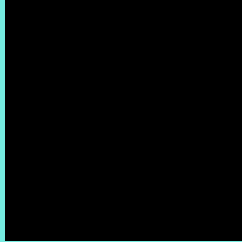
Any Text WCAG AA ✓ Pass

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 82.8133, -36.0751, -0.0918 Background



This preview shows how black text looks on a background with the HunterLab color 82.8133, -36.0751, -0.0918.



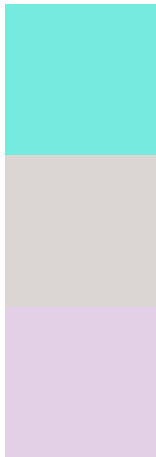
This preview shows how white text looks on a background with the HunterLab color 82.8133, -36.0751, -0.0918.

-36.0751, -0.0918.

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

82.8133, -36.0751, -0.0918

Protanopia

82.4055, -3.1008, 5.9084

Deuteranopia

82.0481, 6.1672, -3.4322



Tritanopia

82.7127, -27.5884, -14.3466

Trichromacy



Original Color

82.8133, -36.0751, -0.0918



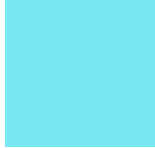
Protanomaly

81.9424, -17.4739, 3.1801



Deuteranomaly

81.5080, -11.6483, -3.3703



Tritanomaly

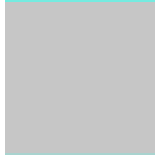
82.5843, -30.4860, -9.3914

Monochromacy



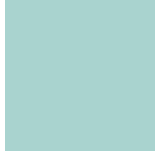
Original Color

82.8133, -36.0751, -0.0918



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

77.1547, -17.2182, 1.8779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.8133, -36.0751, -0.0918 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(117, 235, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 235, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 82.8133, -36.0751, -0.0918 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, 224) }
```


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

```
.border{ border-color:rgb(117, 235, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(117, 235,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.8133, -36.0751, -0.0918 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, 224) }
```

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

```
.background{ background-color: rgb(117,  
235, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor