

Converting Colors

HunterLab(83.4039, -16.7431,
-3.2755)

Have a look what the booklet for
HunterLab(83.4039, -16.7431,
-3.2755) contains.

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Color

**HunterLab(83.2946,
-16.5149, -3.3058)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E1E8
RGB	180, 225, 232
RGB Percent	71%, 88%, 91%
CMY	0.2941, 0.1176, 0.0902
CMYK	0.22, 0.03, 0.00, 0.09
HSL	188°, 53%, 81%
HSV	188°, 22%, 91%
XYZ	60.3131, 69.3799, 86.5567
YIQ	212.3430, -29.0670, -7.3630

Conversions

Conversions Part 2

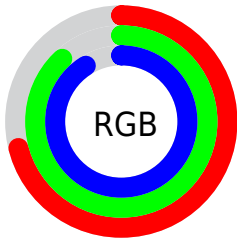
Format	Color
R_{YB}	180, 204, 232
Decimal	11854312
CIE Lab	86.69, -12.98, -8.22
CIE LCh	87, 15.358, 212.342
Yxy	69.3827, 0.2789, 0.3208
Android (android.graphics.Color)	4290044392 (0xFFB4E1E8)
YUV	212.3430, 9.6909, -28.3648
Hunter-Lab	83.2946, -16.5149, -3.3058

Details

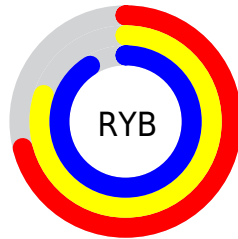
The HunterLab color $83.2946, -16.5149, -3.3058$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $74.8277, 10.4815, 12.0771$, and the grayscale version is $81.2582, -4.3357, 4.4149$.

A 20% lighter version of the original color is $98.3588, -11.0929, 3.3851$, and $60.2658, -14.1937, -3.5222$ is the 20% darker color. If you saturate the color by 10%, you get $80.7185, -20.6882, -6.7014$, and if you desaturate by 10%, it is $86.0858, -11.6672, 0.2601$.

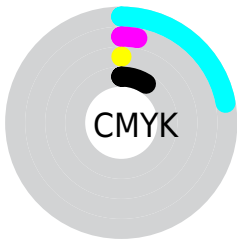
Distribution



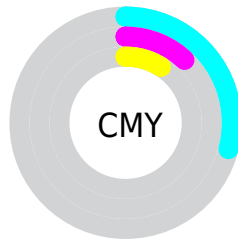
- Red (71%)
- Green (88%)
- Blue (91%)



- Red (71%)
- Yellow (80%)
- Blue (91%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.2946, -16.5149, -3.3058 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 83.2946, -16.5149, -3.3058 by changing the saturation by 10% instead.

■ 83.2946, -16.5149,
-3.3058

■ 83.2946, -16.5149,
-3.3058

214.0980,
-28.1946, 1.1441

■ 71.4307, -15.2432,
-3.5957

■ 108.7787,
-19.0637, -2.5831

■ 60.1891, -13.9660,
-3.8357

122.3450,
-20.3436, -2.1589

■ 49.6082, -12.6788,
-4.0197

136.4326,
-21.6298, -1.6956

■ 39.7323, -11.3738,
-4.1420

151.0228,
-22.9239, -1.1953

■ 30.6158, -10.0387,
-4.1953

166.0991,
-24.2266, -0.6596

■ 22.3281, -8.6541,
-4.1701

181.6460,

■ 14.9623, -7.1855,

-25.5389, -0.0903

-4.0548

197.6499,
-26.8614, 0.5114

■ 8.6080, -7.0282,
-3.9215

0.0000, NaN, -NF

■ 83.2946, -16.5149,
-3.3058

■ 83.2946, -16.5149,
-3.3058

■ 80.7185, -20.6882,
-6.7014

■ 86.0858, -11.6672,
0.2601

■ 78.3583, -24.1315,
-9.9050

■ 89.0792, -6.1989,
3.9674

■ 76.2195, -26.8039,
-12.8908

■ 92.2678, -0.1704,
7.7938

■ 74.3022, -28.6784,
-15.6375

■ 93.7762, 0.0323,
9.5159

72.6027, -29.7494,
-18.1295

94.7462, -1.6230,
10.5787

71.1112, -30.0391,
-20.3613

95.7228, -3.2728,
11.6391

69.8102, -29.6080,
-22.3417

96.7060, -4.9172,
12.6969

68.9192, -28.9182,
-23.7169

97.6957, -6.5561,
13.7522

98.6917, -8.1895,
14.8050

Harmonies

Analogous

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



83.2963, -18.6428, 3.9603



83.2946, -16.5149, -3.3058



83.2963, -11.1678, -8.8366

Triad

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



83.2963, -16.5161, -3.3045



83.2963, 8.9845, -2.2266



83.2963, -5.0491, 17.3387

Complementary

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



83.2946, -16.5149, -3.3058



74.8277, 10.4815, 12.0771

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.



83.2963, 2.4899, 16.0003



83.2946, -16.5149, -3.3058



83.2963, 10.7640, 5.1037

Square

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



83.2963, -16.5161, -3.3045



83.2963, 3.5673, -8.1759



83.2963, 8.3469, 11.6778



83.2963, -12.1730, 15.5112

Rectangle

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



83.2946, -16.5149, -3.3058



83.2963, -6.4002, -10.5605



83.2963, 8.3469, 11.6778



83.2963, -2.4795, 17.2442

Sweetspot

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



83.2963, -16.5161, -3.3045



97.5948, -9.7963, 2.4906



84.2631, -27.4705, 18.3868



45.0582, -4.7033, 1.0364

0.0000, NaN, NaN



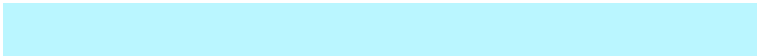
46.2646, -2.4686, 2.5136

Same Dimension

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



83.2963, -16.5161, -3.3045



91.3393, -20.6784, -5.4908



75.1055, -3.5042, -14.0502



39.9852, -4.6485, 0.6185



51.4828, -21.7174, -17.4672



14.3200, -6.3207, -4.2542

Inverse Universe

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



74.3210, 21.7098, -10.6537



79.4221, 30.5269, -15.4553



82.4666, -2.9832, 19.7177



38.1839, 2.8659, -0.7738



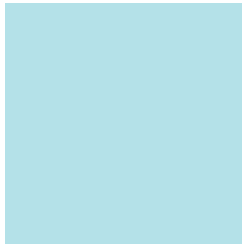
34.4578, 65.8273, -30.5806



9.4164, 18.0680, -8.9704

Previews

White Background



This preview shows how the HunterLab color 83.2946, -16.5149, -3.3058 looks on a white background.

Color Contrast Check

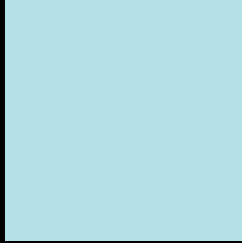
Large Text (above 18pt) WCAG AA × Fail

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 83.2946, -16.5149, -3.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

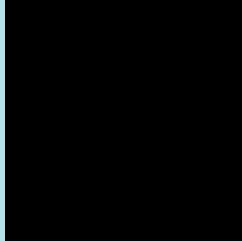
Any Text WCAG AA ✓ Pass

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 83.2946, -16.5149, -3.3058 Background



This preview shows how black text looks on a background with the HunterLab color 83.2946, -16.5149, -3.3058.



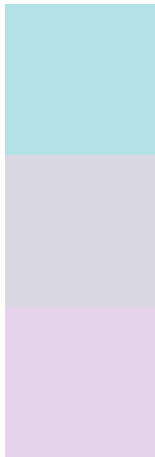
This preview shows how white text looks on a background with the HunterLab color 83.2946,

-16.5149, -3.3058.

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

83.2946, -16.5149, -3.3058

Protanopia

82.9720, -1.8298, -0.3200

Deuteranopia

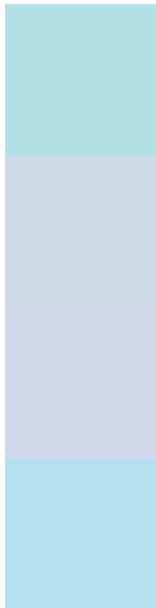
82.9152, 6.3588, -4.9991



Tritanopia

83.4310, -13.7316, -7.9701

Trichromacy



Original Color

83.2946, -16.5149, -3.3058

Protanomaly

83.1275, -7.5369, -1.2602

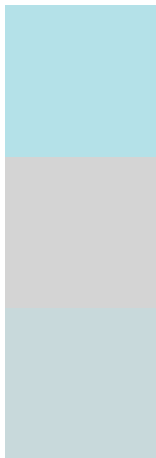
Deuteranomaly

82.6984, -2.2310, -4.8888

Tritanomaly

83.2515, -14.5902, -6.5637

Monochromacy



Original Color

83.2946, -16.5149, -3.3058

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

81.8655, -9.3474, 1.7447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.2946, -16.5149, -3.3058 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(180, 225, 232)` looks like.

```
.text, #text, p{  
    color:rgb(180, 225, 232)  
}
```

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(180, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 225, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 83.2946, -16.5149, -3.3058 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(180, 225, 232) }
```


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

```
.border{ border-color:rgb(180, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(180, 225,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.2946, -16.5149, -3.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 225, 232) }
```

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

```
.background{ background-color: rgb(180,  
225, 232) }
```

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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