

Converting Colors

HunterLab(83.2733, -17.7760,
5.8213)

Have a look what the booklet for
HunterLab(83.2733, -17.7760,
5.8213) contains.

HunterLab(83.3048, -17.6438, 5.7444)	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(83.3048,
-17.6438, 5.7444)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE1D6
RGB	188, 225, 214
RGB Percent	74%, 88%, 84%
CMY	0.2627, 0.1176, 0.1608
CMYK	0.16, 0.00, 0.05, 0.12
HSL	162°, 38%, 81%
HSV	162°, 16%, 88%
XYZ	59.8019, 69.3969, 73.8615
YIQ	212.6830, -18.5210, -11.2650

Conversions

Conversions Part 2

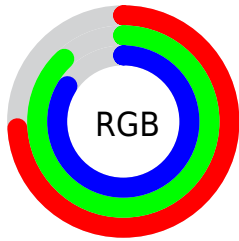
Format	Color
R _{YB}	188, 210, 225
Decimal	12378582
CIE Lab	86.70, -14.23, 1.34
CIE LCh	87, 14.292, 174.623
Yxy	69.3998, 0.2945, 0.3418
Android (android.graphics.Color)	4290568662 (0xFFBCE1D6)
YUV	212.6830, 0.6493, -21.6470
Hunter-Lab	83.3048, -17.6438, 5.7444

Details

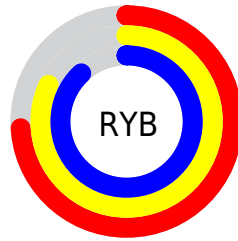
The HunterLab color $83.3048, -17.6438, 5.7444$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $74.8995, 10.3585, 3.5596$, and the grayscale version is $81.4392, -4.3454, 4.4247$.

A 20% lighter version of the original color is $99.0719, -8.5793, 4.2791$, and $60.2669, -15.2373, 4.6002$ is the 20% darker color. If you saturate the color by 10%, you get $81.5024, -24.6943, 6.7007$, and if you desaturate by 10%, it is $85.3420, -9.9270, 5.0383$.

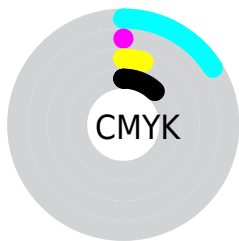
Distribution



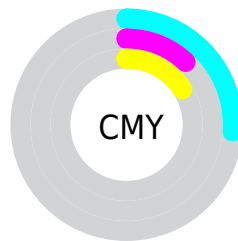
- Red (74%)
- Green (88%)
- Blue (84%)



- Red (74%)
- Yellow (82%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (26%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.3048, -17.6438, 5.7444 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 83.3048, -17.6438, 5.7444 by changing the saturation by 10% instead.

■ 83.3048, -17.6438,
5.7444

■ 83.3048, -17.6438,
5.7444

214.1121,
-29.7871, 13.3194

■ 71.4404, -16.3088,
5.0383

■ 108.7899,
-20.3107, 7.2470

■ 60.1983, -14.9639,
4.3615

122.3566,
-21.6454, 8.0391

■ 49.6169, -13.6044,
3.7165

136.4446,
-22.9844, 8.8576

■ 39.7403, -12.2210,
3.1048

151.0353,
-24.3292, 9.7016

■ 30.6231, -10.8001,
2.5282

166.1120,
-25.6810, 10.5704

■ 22.3347, -9.3193,
1.9883

181.6593,

■ 14.9681, -7.7399,

-27.0407, 11.4634

1.4871

197.6636,
-28.4092, 12.3799

■ 8.6134, -7.6586,
1.1133

0.0000, NaN, NaN

■ 83.3048, -17.6438,
5.7444

■ 83.3048, -17.6438,
5.7444

■ 81.5024, -24.6943,
6.7007

■ 85.3420, -9.9270,
5.0383

■ 79.9325, -31.0111,
7.8966

■ 87.6039, -1.6092,
4.5802

■ 78.5964, -36.5443,
9.3204

■ 90.0321, 7.0581,
4.3021

■ 77.4905, -41.2595,
10.9528

■ 90.2496, 8.2194,
1.2051

■ 76.6073, -45.1438,
12.7686

■ 90.4746, 9.4184,
-1.9922

■ 75.9344, -48.2107,
14.7363

■ 90.7073, 10.6549,
-5.2894

■ 75.4538, -50.5059,
16.8190

■ 90.7376, 10.8154,
-5.7175

■ 75.1395, -52.1174,
18.9730

■ 75.0500, -52.5965,
19.7348

Harmonies

Analogous

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



83.3065, -15.3201, 11.7271



83.3048, -17.6438, 5.7444



83.3065, -16.5324, -1.0757

Triad

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



83.3065, -17.6453, 5.7456



83.3065, 1.3313, -8.1935



83.3065, 3.6250, 14.4691

Complementary

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



83.3048, -17.6438, 5.7444



74.8995, 10.3585, 3.5596

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.



83.3065, 8.3639, 9.7800



83.3048, -17.6438, 5.7444



83.3065, 7.0088, -3.3625

Square

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



83.3065, -17.6453, 5.7456



83.3065, -5.7283, -9.5003



83.3065, 9.6225, 3.3051



83.3065, -3.1629, 16.4857

Rectangle

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



83.3048, -17.6438, 5.7444



83.3065, -13.9706, -5.1413



83.3065, 9.6225, 3.3051



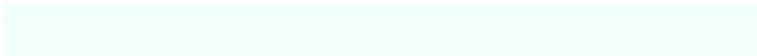
83.3065, 5.5194, 13.1733

Sweetspot

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



83.3065, -17.6453, 5.7456



98.7014, -10.1279, 5.7144



83.4507, -18.5885, 17.2932



45.5818, -4.9909, 2.6647

0.0000, NaN, NaN



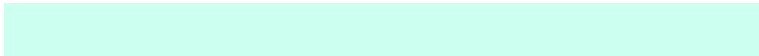
46.2646, -2.4686, 2.5136

Same Dimension

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



83.3065, -17.6453, 5.7456



95.2044, -23.4291, 6.9949



81.2810, -12.0144, -2.0893



39.3691, -5.7198, 2.4280



56.9886, -39.8100, 14.7077



15.0554, -10.1655, 3.1264

Inverse Universe

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



74.8995, 10.3585, 3.5596



83.4080, 15.9137, 3.9539



76.7138, 4.7453, 10.5820



37.1043, 1.8126, 1.8327



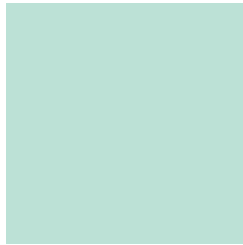
30.7817, 53.5294, 13.5739



8.1988, 14.4410, 2.1946

Previews

White Background



This preview shows how the HunterLab color 83.3048, -17.6438, 5.7444 looks on a white background.

Color Contrast Check

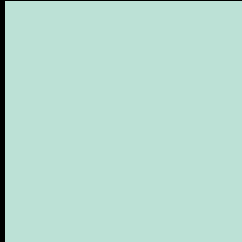
Large Text (above 18pt) WCAG AA × Fail

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 83.3048, -17.6438, 5.7444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

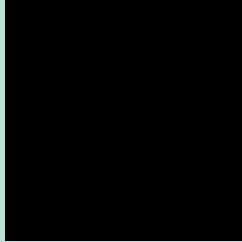
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

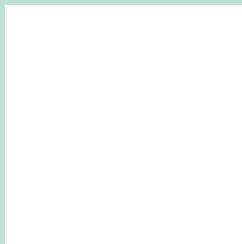
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.3048, -17.6438, 5.7444 Background



This preview shows how black text looks on a background with the HunterLab color 83.3048, -17.6438, 5.7444.



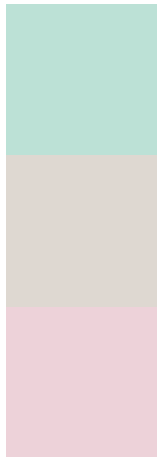
This preview shows how white text looks on a background with the HunterLab color 83.3048,

-17.6438, 5.7444.

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

83.3048, -17.6438, 5.7444

Protanopia

83.2134, -3.6431, 8.2325

Deuteranopia

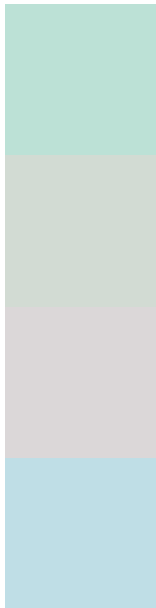
83.1309, 5.8911, 4.5087



Tritanopia

83.2360, -9.6398, -7.0475

Trichromacy



Original Color

83.3048, -17.6438, 5.7444

Protanomaly

83.1071, -8.6897, 7.0916

Deuteranomaly

82.8365, -2.9410, 4.4929

Tritanomaly

83.0856, -12.4359, -2.4431

Monochromacy



Original Color

83.3048, -17.6438, 5.7444

Achromatopsia

81.5713, -4.3524, 4.4319

Achromatomaly

82.0166, -9.1915, 4.8700

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.3048, -17.6438, 5.7444 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(188, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(188, 225, 214)  
}
```

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(188, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 225, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 83.3048, -17.6438, 5.7444 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(188, 225, 214) }
```


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

```
.border{ border-color:rgb(188, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(188, 225,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.3048, -17.6438, 5.7444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 225, 214) }
```

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

```
.background{ background-color: rgb(188,  
225, 214) }
```

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