

Converting Colors

HunterLab(82.8130, -21.4248,
7.4666)

Have a look what the booklet for
HunterLab(82.8130, -21.4248,
7.4666) contains.

HunterLab(82.8130, -21.4248, 7.4666)	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(82.8130,
-21.4248, 7.4666)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E2D1
RGB	179, 226, 209
RGB Percent	70%, 89%, 82%
CMY	0.2980, 0.1137, 0.1804
CMYK	0.21, 0.00, 0.08, 0.11
HSL	158°, 45%, 79%
HSV	158°, 21%, 89%
XYZ	57.2954, 68.5799, 70.5391
YIQ	210.0090, -22.5550, -15.2510

Conversions

Conversions Part 2

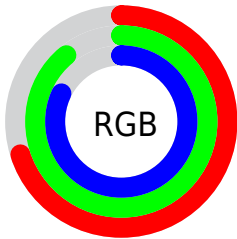
Format	Color
RYB	179, 208, 226
Decimal	11789009
CIELab	86.30, -18.56, 3.32
CIELCh	86, 18.851, 169.866
Yxy	68.5828, 0.2917, 0.3492
Android (android.graphics.Color)	4289979089 (0xFFB3E2D1)
YUV	210.0090, -0.4974, -27.1949
Hunter-Lab	82.8130, -21.4248, 7.4666

Details

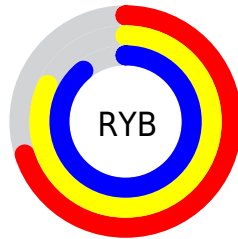
The HunterLab color $82.8130, -21.4248, 7.4666$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $72.3853, 14.9968, 2.0870$, and the grayscale version is $80.2939, -4.2843, 4.3625$.

A 20% lighter version of the original color is $98.1846, -11.7097, 3.1658$, and $59.8768, -18.5205, 5.8652$ is the 20% darker color. If you saturate the color by 10%, you get $81.0631, -28.4404, 9.1149$, and if you desaturate by 10%, it is $84.8030, -13.7039, 6.0345$.

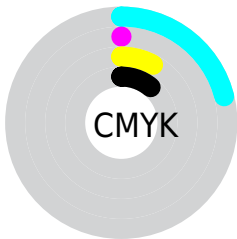
Distribution



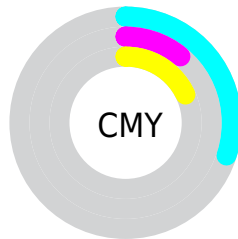
- Red (70%)
- Green (89%)
- Blue (82%)



- Red (70%)
- Yellow (82%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8130, -21.4248, 7.4666 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 82.8130, -21.4248, 7.4666 by changing the saturation by 10% instead.

■ 82.8130, -21.4248,
7.4666

■ 82.8130, -21.4248,
7.4666

213.4381,
-35.1807, 15.7123

■ 70.9732, -19.8668,
6.6690

■ 108.2522,
-24.5029, 9.1388

■ 59.7571, -18.2846,
5.8954

121.7974,
-26.0292, 10.0103

■ 49.2032, -16.6704,
5.1471

135.8647,
-27.5518, 10.9051

■ 39.3563, -15.0105,
4.4242

150.4354,
-29.0732, 11.8227

■ 30.2711, -13.2848,
3.7260

165.4927,
-30.5954, 12.7626

■ 22.0180, -11.4609,
3.0512

181.0213,

■ 14.6912, -9.4824,

-32.1198, 13.7245

2.3955

197.0073,
-33.6479, 14.7078

■ 8.3494, -10.1306,
2.1012

0.0000, NaN, NaN

■ 82.8130, -21.4248,
7.4666

■ 82.8130, -21.4248,
7.4666

■ 81.0631, -28.4404,
9.1149

■ 84.8030, -13.7039,
6.0345

■ 79.5500, -34.6835,
10.9605

■ 87.0233, -5.3449,
4.8249

■ 78.2742, -40.1063,
12.9829

■ 89.4691, 3.5755,
3.8432

■ 77.2307, -44.6789,
15.1550

■ 90.5805, 7.8445,
1.1194

■ 76.4103, -48.3957,
17.4441

■ 90.8570, 9.3180,
-2.8063

■ 75.7983, -51.2808,
19.8130

■ 91.0359, 10.2692,
-5.3406

■ 75.3738, -53.3948,
22.2201

■ 75.1109, -54.8008,
24.4170

Harmonies

Analogous

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



82.8147, -17.7549, 14.8136



82.8130, -21.4248, 7.4666



82.8147, -20.6988, -1.5315

Triad

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



82.8147, -21.4262, 7.4678



82.8147, 1.7897, -13.2891



82.8147, 7.5153, 16.5718

Complementary

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



82.8130, -21.4248, 7.4666



72.3853, 14.9968, 2.0870

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.



82.8147, 13.2152, 10.1240



82.8130, -21.4248, 7.4666



82.8147, 9.8091, -7.3204

Square

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



82.8147, -21.4262, 7.4678



82.8147, -7.5702, -14.2045



82.8147, 14.0729, 1.4345



82.8147, -1.2285, 19.6694

Rectangle

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



82.8130, -21.4248, 7.4666



82.8147, -17.8057, -7.2501



82.8147, 14.0729, 1.4345



82.8147, 9.8670, 14.7602

Sweetspot

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



82.8147, -21.4262, 7.4678



98.4182, -11.2398, 6.2273



83.3172, -21.2000, 20.6188



45.4558, -5.4905, 2.9237

0.0000, NaN, NaN



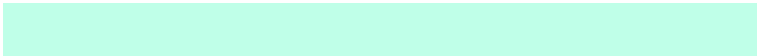
46.2646, -2.4686, 2.5136

Same Dimension

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



82.8147, -21.4262, 7.4678



94.0487, -28.1877, 9.3590



81.3167, -15.3309, -2.6255



39.3495, -5.8293, 2.7086



56.7518, -41.2634, 18.1410



14.9981, -10.5156, 3.9540

Inverse Universe

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



72.3853, 14.9968, 2.0870



79.6880, 22.0554, 2.0005



73.6443, 9.0560, 11.2018



37.1242, 1.9197, 1.5485



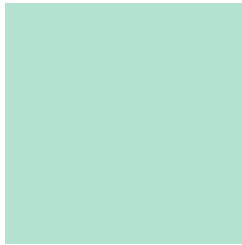
30.9685, 54.2169, 10.8453



8.2554, 14.6480, 1.3777

Previews

White Background



This preview shows how the HunterLab color 82.8130, -21.4248, 7.4666 looks on a white background.

Color Contrast Check

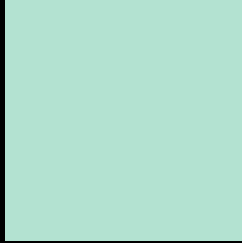
Large Text (above 18pt) WCAG AA × Fail

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 82.8130, -21.4248, 7.4666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

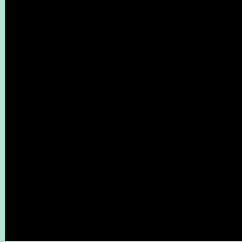
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

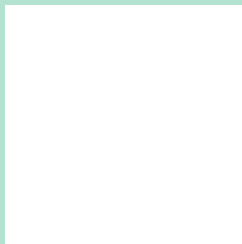
Any Text WCAG AAA ✓ Pass

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

HunterLab 82.8130, -21.4248, 7.4666 Background



This preview shows how black text looks on a background with the HunterLab color 82.8130, -21.4248, 7.4666.



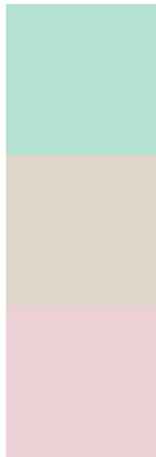
This preview shows how white text looks on a background with the HunterLab color 82.8130,

-21.4248, 7.4666.

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

82.8130, -21.4248, 7.4666

Protanopia

82.4224, -3.5782, 10.0828

Deuteranopia

82.4138, 6.2867, 5.6051



Tritanopia

82.9390, -12.3346, -7.4859

Trichromacy



Original Color

82.8130, -21.4248, 7.4666

Protanomaly

82.2632, -10.4176, 8.8799

Deuteranomaly

82.4338, -4.5859, 5.9152

Tritanomaly

82.7309, -15.4966, -1.8949

Monochromacy



Original Color

82.8130, -21.4248, 7.4666

Achromatopsia

80.2795, -4.2835, 4.3617

Achromatomaly

81.1831, -10.7140, 5.3072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.8130, -21.4248, 7.4666 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(179, 226, 209)` looks like.

```
.text, #text, p{  
    color:rgb(179, 226, 209)  
}
```

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(179, 226, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 226, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 82.8130, -21.4248, 7.4666 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(179, 226, 209) }
```


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

```
.border{ border-color:rgb(179, 226, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 226, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 226, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 226, 209); box-shadow:4px 4px 4px 4px rgb(179, 226, 209) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.8130, -21.4248, 7.4666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 226, 209) }
```

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

```
.background{ background-color: rgb(179,  
226, 209) }
```

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