

Converting Colors

HunterLab(83.1132, -20.4085,
7.0012)

Have a look what the booklet for
HunterLab(83.1132, -20.4085,
7.0012) contains.

HunterLab(83.0909, -20.2829, 6.8701)	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(83.0909,
-20.2829, 6.8701)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E2D3
RGB	182, 226, 211
RGB Percent	71%, 89%, 83%
CMY	0.2863, 0.1137, 0.1725
CMYK	0.19, 0.00, 0.07, 0.11
HSL	160°, 43%, 80%
HSV	160°, 19%, 89%
XYZ	58.2456, 69.0410, 71.8844
YIQ	211.1340, -21.4090, -13.9930

Conversions

Conversions Part 2

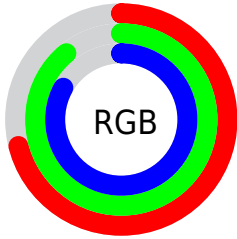
Format	Color
RYB	182, 209, 226
Decimal	11985619
CIELab	86.53, -17.22, 2.62
CIELCh	87, 17.418, 171.355
Yxy	69.0438, 0.2924, 0.3466
Android (android.graphics.Color)	4290175699 (0xFFB6E2D3)
YUV	211.1340, -0.0661, -25.5505
Hunter-Lab	83.0909, -20.2829, 6.8701

Details

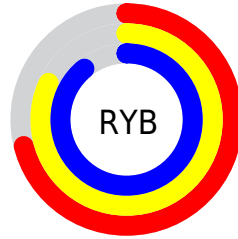
The HunterLab color **83.0909, -20.2829, 6.8701** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73.2514, 13.5656, 2.6168**, and the grayscale version is **80.7758, -4.3100, 4.3887**.

A 20% lighter version of the original color is **98.4465, -10.7827, 3.4954**, and **60.1243, -17.4857, 5.2866** is the 20% darker color. If you saturate the color by 10%, you get **81.3224, -27.3191, 8.3047**, and if you desaturate by 10%, it is **85.0982, -12.5529, 5.6649**.

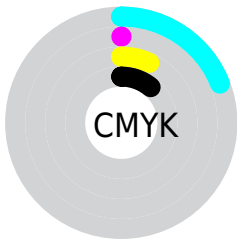
Distribution



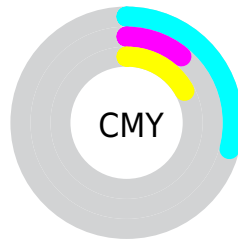
- Red (71%)
- Green (89%)
- Blue (83%)



- Red (71%)
- Yellow (82%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0909, -20.2829, 6.8701 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 83.0909, -20.2829, 6.8701 by changing the saturation by 10% instead.

■ 83.0909, -20.2829,
6.8701

■ 83.0909, -20.2829,
6.8701

213.8190,
-33.5383, 14.8792

■ 71.2372, -18.7944,
6.1049

■ 108.5561,
-23.2330, 8.4824

■ 60.0064, -17.2864,
5.3656

122.1134,
-24.6998, 9.3258

■ 49.4369, -15.7518,
4.6539

136.1925,
-26.1654, 10.1937

■ 39.5732, -14.1787,
3.9705

150.7745,
-27.6320, 11.0853

■ 30.4699, -12.5488,
3.3157

165.8427,
-29.1013, 12.0002

■ 22.1968, -10.8334,
2.6891

181.3819,

■ 14.8475, -8.9819,

-30.5748, 12.9378

2.0890

197.3782,
-32.0534, 13.8976

■ 8.4997, -9.2823,
1.7395

0.0000, NaN, NaN

■ 83.0909, -20.2829,
6.8701

■ 83.0909, -20.2829,
6.8701

■ 81.3224, -27.3191,
8.3047

■ 85.0982, -12.5529,
5.6649

■ 79.7896, -33.5943,
9.9524

■ 87.3344, -4.1958,
4.6927

■ 78.4933, -39.0599,
11.7955

■ 89.7944, 4.7124,
3.9562

■ 77.4291, -43.6844,
13.8093

■ 90.5845, 7.8658,
1.0626

■ 76.5880, -47.4599,
15.9632

■ 90.8449, 9.2539,
-2.6356

■ 75.9563, -50.4073,
18.2216

■ 91.0359, 10.2692,
-5.3406

■ 75.5139, -52.5822,
20.5442

■ 75.2226, -54.1247,
22.8755

■ 75.2087, -54.1994,
22.9965

Harmonies

Analogous

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



83.0926, -17.0608, 13.8288



83.0909, -20.2829, 6.8701



83.0926, -19.4001, -1.4611

Triad

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



83.0926, -20.2843, 6.8713



83.0926, 1.7197, -11.6423



83.0926, 6.2302, 15.9793

Complementary

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



83.0909, -20.2829, 6.8701



73.2514, 13.5656, 2.6168

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.



83.0926, 11.6638, 10.0927



83.0909, -20.2829, 6.8701



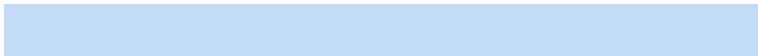
83.0926, 8.9863, -6.0016

Square

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



83.0926, -20.2843, 6.8713



83.0926, -6.9288, -12.7310



83.0926, 12.6926, 2.1040



83.0926, -1.9177, 18.7224

Rectangle

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



83.0909, -20.2829, 6.8701



83.0926, -16.5841, -6.6513



83.0926, 12.6926, 2.1040



83.0926, 8.4484, 14.3329

Sweetspot

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



83.0926, -20.2843, 6.8713



98.4283, -11.1838, 6.0829



83.4851, -20.4360, 19.6546



45.4610, -5.4618, 2.8497

0.0000, NaN, NaN



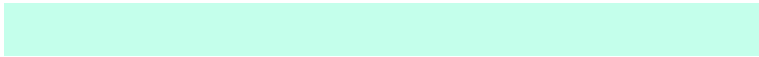
46.2646, -2.4686, 2.5136

Same Dimension

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



83.0926, -20.2843, 6.8713



94.4992, -26.3278, 8.4548



81.4315, -14.3655, -2.4640



39.3558, -5.7940, 2.6182



56.8252, -40.8118, 17.0744



15.0160, -10.4059, 3.6946

Inverse Universe

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



73.2514, 13.5656, 2.6168



81.1627, 19.6098, 2.7253



74.6802, 7.7528, 11.0169



37.1178, 1.8851, 1.6405



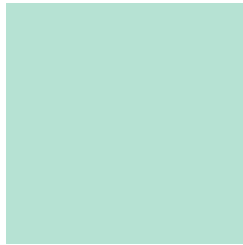
30.9038, 53.9790, 11.7884



8.2362, 14.5781, 1.6532

Previews

White Background



This preview shows how the HunterLab color 83.0909, -20.2829, 6.8701 looks on a white background.

Color Contrast Check

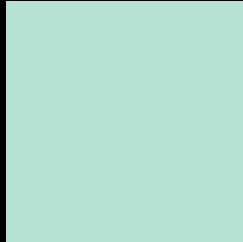
Large Text (above 18pt) WCAG AA × Fail

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 83.0909, -20.2829, 6.8701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

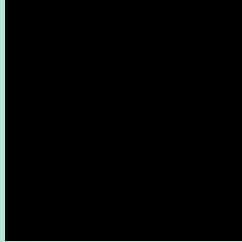
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

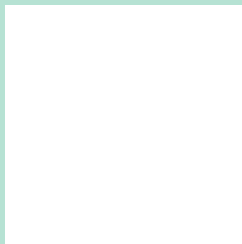
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.0909, -20.2829, 6.8701 Background



This preview shows how black text looks on a background with the HunterLab color 83.0909, -20.2829, 6.8701.



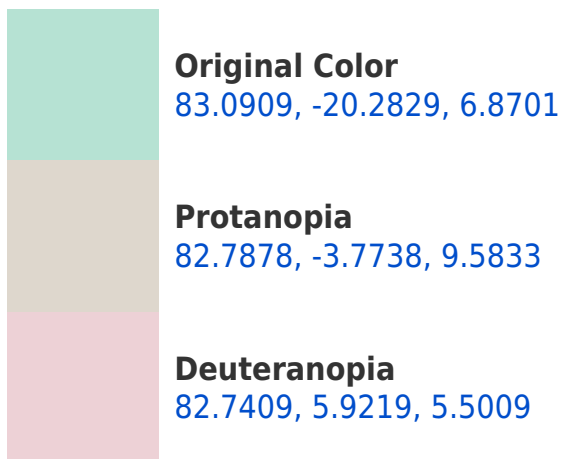
This preview shows how white text looks on a background with the HunterLab color 83.0909, -20.2829, 6.8701.

-20.2829, 6.8701.

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

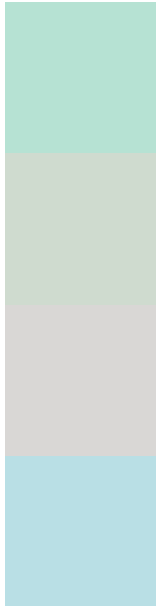




Tritanopia

83.0899, -11.7959, -7.2775

Trichromacy



Original Color

83.0909, -20.2829, 6.8701

Protanomaly

82.7245, -10.2828, 8.4856

Deuteranomaly

82.5571, -4.0958, 5.5902

Tritanomaly

82.9137, -14.7700, -2.1756

Monochromacy



Original Color

83.0909, -20.2829, 6.8701

Achromatopsia

80.7097, -4.3065, 4.3851

Achromatomaly

81.2984, -10.2428, 4.9717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.0909, -20.2829, 6.8701 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(182, 226, 211)` looks like.

```
.text, #text, p{  
    color:rgb(182, 226, 211)  
}
```

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(182, 226, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 226, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 83.0909, -20.2829, 6.8701 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(182, 226, 211) }
```


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

```
.border{ border-color:rgb(182, 226, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 226, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 226, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 226, 211);  
box-shadow:4px 4px 4px 4px rgb(182, 226,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.0909, -20.2829, 6.8701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 226, 211) }
```

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

```
.background{ background-color: rgb(182,  
226, 211) }
```

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