

Converting Colors

HunterLab(86.7461, -20.3341,
12.0060)

Have a look what the booklet for
HunterLab(86.7461, -20.3341,
12.0060) contains.

HunterLab(86.7868, -20.3314, 11.9118)	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(86.7868,
-20.3314, 11.9118)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EAD1
RGB	197, 234, 209
RGB Percent	77%, 92%, 82%
CMY	0.2274, 0.0823, 0.1804
CMYK	0.16, 0.00, 0.11, 0.08
HSL	139°, 47%, 85%
HSV	139°, 16%, 92%
XYZ	63.9575, 75.3195, 71.4889
YIQ	220.0870, -14.0270, -15.6190

Conversions

Conversions Part 2

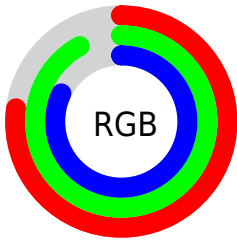
Format	Color
RYB	197, 225, 234
Decimal	12970705
CIELab	89.54, -16.78, 8.14
CIELCh	90, 18.649, 154.114
Yxy	75.3227, 0.3035, 0.3574
Android (android.graphics.Color)	4291160785 (0xFFC5EAD1)
YUV	220.0870, -5.4659, -20.2473
Hunter-Lab	86.7868, -20.3314, 11.9118

Details

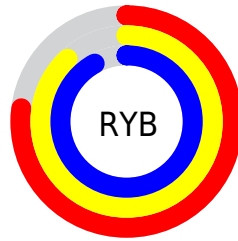
The HunterLab color $86.7868, -20.3314, 11.9118$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $79.1838, 12.6556, -2.7334$, and the grayscale version is $84.6654, -4.5175, 4.6000$.

A 20% lighter version of the original color is $99.9054, -5.6651, 5.3160$, and $63.2827, -17.1984, 9.6396$ is the 20% darker color. If you saturate the color by 10%, you get $84.6524, -29.1351, 16.2381$, and if you desaturate by 10%, it is $89.1926, -10.7403, 7.5082$.

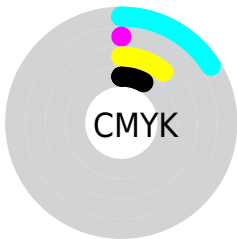
Distribution



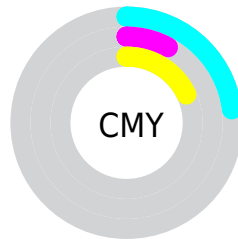
- Red (77%)
- Green (92%)
- Blue (82%)



- Red (77%)
- Yellow (88%)
- Blue (92%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.7868, -20.3314, 11.9118 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 86.7868, -20.3314, 11.9118 by changing the saturation by 10% instead.

■ 86.7868, -20.3314,
11.9118

■ 86.7868, -20.3314,
11.9118

218.8666,
-33.4260, 21.9045

■ 74.7511, -18.8697,
10.8763

112.5917,
-23.2361, 14.0260

■ 63.3281, -17.3917,
9.8506

126.3086,
-24.6829, 15.1042

■ 52.5548, -15.8917,
8.8336

140.5413,
-26.1300, 16.1977

■ 42.4729, -14.3593,
7.8215

155.2718,
-27.5794, 17.3069

■ 33.1335, -12.7790,
6.8084

170.4837,
-29.0325, 18.4321

■ 24.6013, -11.1270,
5.7847

186.1623,

■ 16.9614, -9.3624,

-30.4907, 19.5734

4.7333

202.2940,
-31.9549, 20.7308

■ 10.3334, -7.8112,
3.8986

0.0000, NaN, NaN

■ 86.7868, -20.3314,
11.9118

■ 86.7868, -20.3314,
11.9118

■ 84.6524, -29.1351,
16.2381

■ 89.1926, -10.7403,
7.5082

■ 82.7895, -37.0512,
20.4357

■ 91.8558, -0.4569,
3.0670

■ 81.2025, -43.9983,
24.4553

■ 93.4498, 5.9176,
-2.3378

■ 79.8896, -49.9129,
28.2458

■ 78.8443, -54.7591,
31.7585

■ 78.0542, -58.5357,
34.9495

■ 77.5004, -61.2834,
37.7817

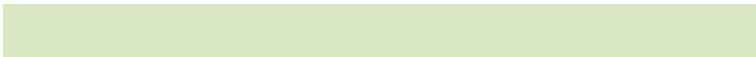
■ 77.1549, -63.0950,
40.2254

■ 77.0512, -63.6609,
41.1184

Harmonies

Analogous

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



86.7886, -14.5595, 17.8097



86.7868, -20.3314, 11.9118



86.7886, -21.9683, 3.4792

Triad

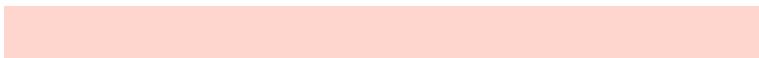
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7886, -20.3331, 11.9130



86.7886, -3.3325, -14.2731



86.7886, 10.8710, 13.8404

Complementary

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



86.7868, -20.3314, 11.9118



79.1838, 12.6556, -2.7334

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.



86.7886, 14.1743, 5.9509



86.7868, -20.3314, 11.9118



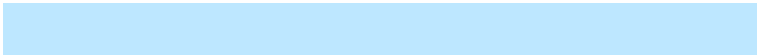
86.7886, 5.7555, -10.7815

Square

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



86.7886, -20.3331, 11.9130



86.7886, -12.4003, -12.2459



86.7886, 12.2638, -3.1376



86.7886, 3.4124, 18.8365

Rectangle

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



86.7868, -20.3314, 11.9118



86.7886, -20.5525, -2.6123



86.7886, 12.2638, -3.1376



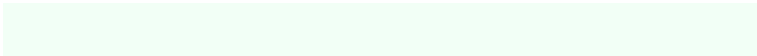
86.7886, 12.5183, 11.4712

Sweetspot

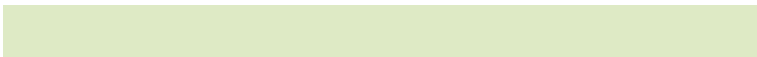
The Sweet Spot groups the original color and five complimentary colors.



86.7886, -20.3331, 11.9130



98.5490, -10.9713, 7.8915



88.5748, -14.5132, 18.9658



45.5016, -5.4353, 3.8105

0.0000, NaN, NaN



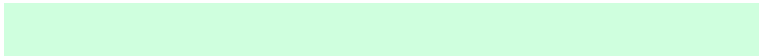
46.2646, -2.4686, 2.5136

Same Dimension

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



86.7886, -20.3331, 11.9130



94.8729, -25.6956, 14.7071



87.3369, -17.2403, 4.0709



41.1615, -6.6818, 4.2541



57.7762, -47.6102, 30.5616



16.2427, -13.0132, 7.7898

Inverse Universe

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



79.1838, 12.6556, -2.7334



84.8038, 18.0170, -4.6777



78.5977, 9.5583, 5.6070



39.0203, 2.5969, 0.1283



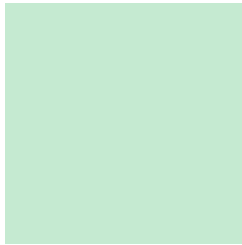
33.5310, 61.6382, -11.0094



9.4888, 17.6041, -4.3660

Previews

White Background



This preview shows how the HunterLab color 86.7868, -20.3314, 11.9118 looks on a white background.

Color Contrast Check

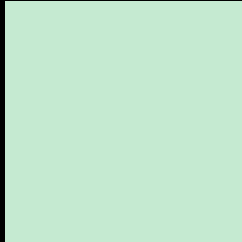
Large Text (above 18pt) WCAG AA × Fail

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 86.7868, -20.3314, 11.9118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

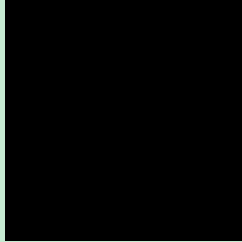
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

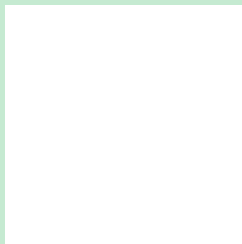
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.7868, -20.3314, 11.9118 Background



This preview shows how black text looks on a background with the HunterLab color 86.7868, -20.3314, 11.9118.



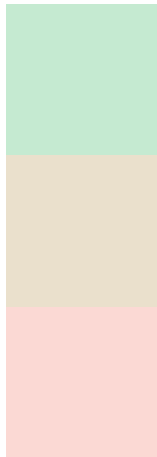
This preview shows how white text looks on a background with the HunterLab color 86.7868,

-20.3314, 11.9118.

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

86.7868, -20.3314, 11.9118

Protanopia

86.6968, -4.5361, 14.2751

Deuteranopia

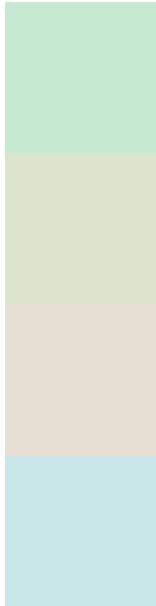
86.5381, 6.3122, 10.7598



Tritanopia

86.9433, -9.0326, -6.5917

Trichromacy



Original Color

86.7868, -20.3314, 11.9118

Protanomaly

86.7843, -10.5631, 13.3981

Deuteranomaly

86.2945, -3.9441, 10.7627

Tritanomaly

86.8634, -13.5663, 0.6678

Monochromacy



Original Color

86.7868, -20.3314, 11.9118

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

85.3260, -10.2643, 7.2555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.7868, -20.3314, 11.9118 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(197, 234, 209)` looks like.

```
.text, #text, p{  
    color:rgb(197, 234, 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(197, 234, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 234, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 86.7868, -20.3314, 11.9118 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(197, 234, 209) }
```


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

```
.border{ border-color:rgb(197, 234, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 234, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 234, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 234, 209);  
box-shadow:4px 4px 4px 4px rgb(197, 234,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.7868, -20.3314, 11.9118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 234, 209) }
```

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

```
.background{ background-color: rgb(197,  
234, 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