

Converting Colors

HunterLab(96.2210, -20.3302,
12.9726)

Have a look what the booklet for
HunterLab(96.2210, -20.3302,
12.9726) contains.

HunterLab(96.2317, -20.2700, 12.8183)	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(96.2317,
-20.2700, 12.8183)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFE6
RGB	221, 255, 230
RGB Percent	87%, 100%, 90%
CMY	0.1333, 0.0000, 0.0980
CMYK	0.13, 0.00, 0.10, 0.00
HSL	136°, 100%, 93%
HSV	136°, 13%, 100%
XYZ	79.8618, 92.6054, 88.5284
YIQ	241.9840, -12.2390, -14.9830

Conversions

Conversions Part 2

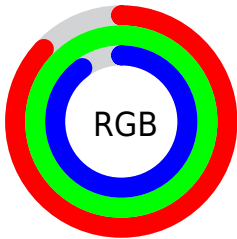
Format	Color
R _Y B	221, 248, 255
Decimal	14548966
CIE Lab	97.07, -15.54, 8.27
CIE LCh	97, 17.610, 151.974
Yxy	92.6057, 0.3060, 0.3548
Android (android.graphics.Color)	4292739046 (0xFFDDFFE6)
YUV	241.9840, -5.9081, -18.4030
Hunter-Lab	96.2317, -20.2700, 12.8183

Details

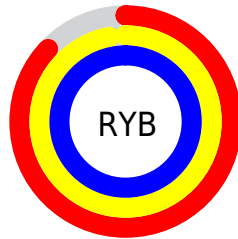
The HunterLab color **96.2317, -20.2700, 12.8183** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89.2343, 11.3322, -2.7466**, and the grayscale version is **94.2521, -5.0291, 5.1209**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **71.8264, -17.1995, 10.4793** is the 20% darker color. If you saturate the color by 10%, you get **93.7576, -30.4542, 18.1627**, and if you desaturate by 10%, it is **99.0090, -9.2004, 7.3003**.

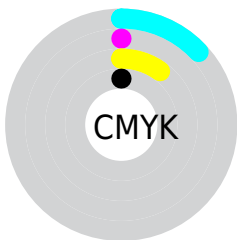
Distribution



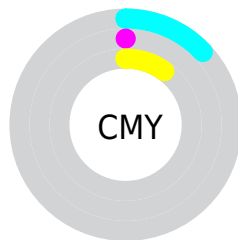
- Red (87%)
- Green (100%)
- Blue (90%)



- Red (87%)
- Yellow (97%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.2317, -20.2700, 12.8183 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 96.2317, -20.2700, 12.8183 by changing the saturation by 10% instead.

96.2317, -20.2700,
12.8183

96.2317, -20.2700,
12.8183

231.6185,
-32.9375, 22.9602

83.7519, -18.8729,
11.7652

122.8628,
-23.0548, 14.9636

71.8636, -17.4696,
10.7248

136.9695,
-24.4494, 16.0587

60.5980, -16.0540,
9.6946

151.5783,
-25.8478, 17.1692

49.9917, -14.6190,
8.6718

166.6724,
-27.2514, 18.2954

40.0885, -13.1542,
7.6519

182.2367,
-28.6613, 19.4376

30.9424, -11.6444,
6.6283

198.2574,

22.6222, -10.0651,

-30.0785, 20.5957

5.5897

214.7219,
-31.5037, 21.7699

■ 15.2199, -8.3734,
4.5156

■ 8.8453, -8.1301,
4.3590

■ 96.2317, -20.2700,
12.8183

■ 96.2317, -20.2700,
12.8183

■ 93.7576, -30.4542,
18.1627

■ 99.0090, -9.2004,
7.3003

■ 91.5939, -39.6412,
23.2752

100.0000, -5.3358,
5.4332

■ 89.7446, -47.7281,
28.0923

■ 88.2093, -54.6338,
32.5528

■ 86.9818, -60.3078,
36.6001

■ 86.0496, -64.7389,
40.1864

■ 85.3927, -67.9640,
43.2751

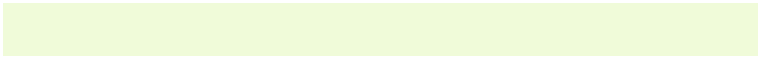
■ 84.9815, -70.0776,
45.8425

■ 84.8123, -70.9951,
47.2500

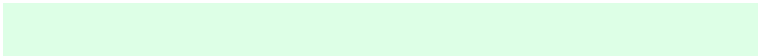
Harmonies

Analogous

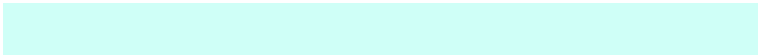
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.2319, -14.3331, 18.4530



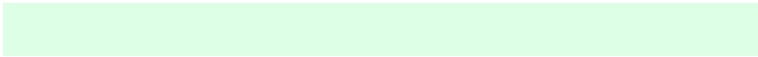
96.2317, -20.2700, 12.8183



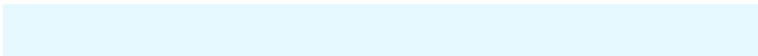
96.2319, -22.1959, 4.6565

Triad

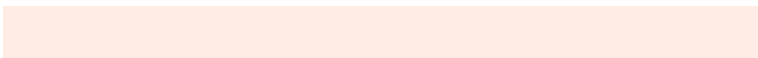
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.2319, -20.2691, 12.8176



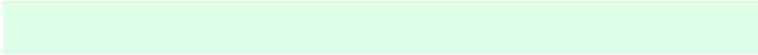
96.2319, -4.5295, -13.1518



96.2319, 10.3377, 13.7333

Complementary

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



96.2317, -20.2700, 12.8183



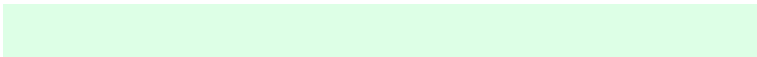
89.2343, 11.3322, -2.7466

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.



96.2319, 13.1937, 5.8162



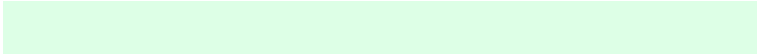
96.2317, -20.2700, 12.8183



96.2319, 4.4121, -10.1653

Square

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



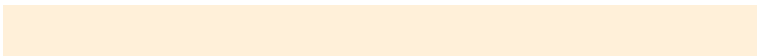
96.2319, -20.2691, 12.8176



96.2319, -13.3151, -10.8394



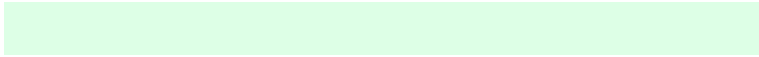
96.2319, 10.9860, -3.0128



96.2319, 3.3178, 18.9457

Rectangle

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



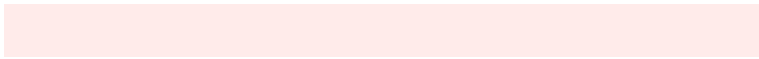
96.2317, -20.2700, 12.8183



96.2319, -21.0080, -1.2766



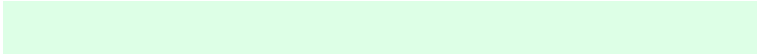
96.2319, 10.9860, -3.0128



96.2319, 11.8282, 11.3271

Sweetspot

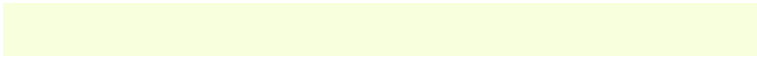
The Sweet Spot groups the original color and five complimentary colors.



96.2319, -20.2691, 12.8176



98.8144, -9.9642, 7.6727



98.1957, -13.7064, 18.9635



45.6153, -5.0063, 3.7437

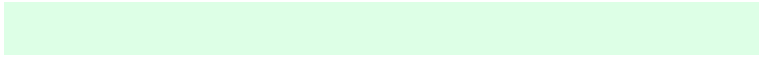
0.0000, NaN, NaN



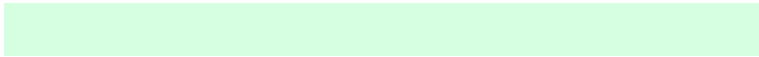
46.2646, -2.4686, 2.5136

Same Dimension

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



96.2319, -20.2691, 12.8176



95.5419, -23.0771, 14.2626



96.7352, -17.4401, 5.6164



44.9968, -7.4624, 4.9608



61.3241, -51.2130, 33.9043



19.1800, -15.7008, 9.9201

Inverse Universe

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



89.2343, 11.3322, -2.7466



87.1769, 14.7190, -4.3415



88.6899, 8.4394, 4.9966



42.6772, 3.0072, -0.1990



36.0841, 67.0932, -17.7531



11.3395, 21.2201, -6.6328

Previews

White Background



This preview shows how the HunterLab color 96.2317, -20.2700, 12.8183 looks on a white background.

Color Contrast Check

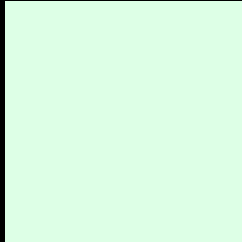
Large Text (above 18pt) WCAG AA × Fail

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 96.2317, -20.2700, 12.8183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

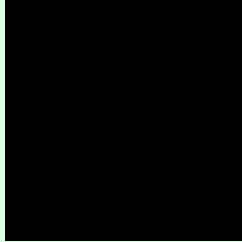
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

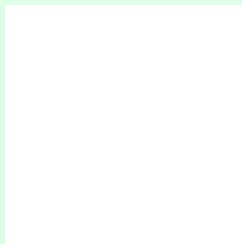
Any Text WCAG AAA ✓ Pass

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

HunterLab 96.2317, -20.2700, 12.8183 Background



This preview shows how black text looks on a background with the HunterLab color 96.2317, -20.2700, 12.8183.



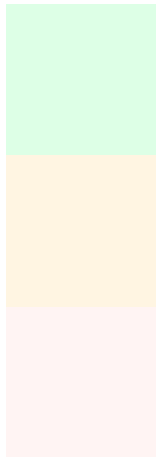
This preview shows how white text looks on a background with the HunterLab color 96.2317,

-20.2700,12.8183.

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

96.2317, -20.2700, 12.8183

Protanopia

95.9457, -4.8946, 14.5729

Deuteranopia

96.1418, -1.5813, 6.9225



Tritanopia

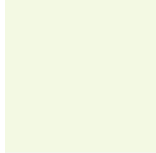
95.9647, -6.2854, 0.5713

Trichromacy



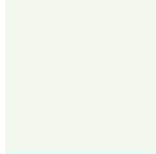
Original Color

96.2317, -20.2700, 12.8183



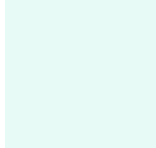
Protanomaly

96.1000, -10.8443, 14.1901



Deuteranomaly

96.1054, -8.5239, 9.1680



Tritanomaly

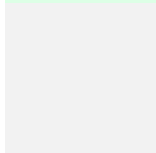
96.0109, -11.6653, 5.1152

Monochromacy



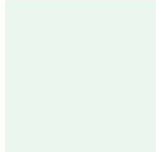
Original Color

96.2317, -20.2700, 12.8183



Achromatopsia

94.2297, -5.0279, 5.1197



Achromatomaly

94.9668, -10.8896, 7.8266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 96.2317, -20.2700, 12.8183 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(221, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 230)  
}
```

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(221, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 96.2317, -20.2700, 12.8183 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(221, 255, 230) }
```


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

```
.border{ border-color:rgb(221, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 96.2317, -20.2700, 12.8183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 230) }
```

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

```
.background{ background-color: rgb(221,  
255, 230) }
```

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