

Converting Colors

HunterLab(97.8111, -23.2283,
28.6113)

Have a look what the booklet for
HunterLab(97.8111, -23.2283,
28.6113) contains.

HunterLab(96.4999, -21.1335, 27.3712)	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(96.4999,
-21.1335, 27.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFFC3
RGB	235, 255, 195
RGB Percent	92%, 100%, 76%
CMY	0.0784, 0.0000, 0.2353
CMYK	0.08, 0.00, 0.24, 0.00
HSL	80°, 100%, 88%
HSV	80°, 24%, 100%
XYZ	79.8713, 93.1223, 65.3946
YIQ	242.1800, 7.3400, -22.9000

Conversions

Conversions Part 2

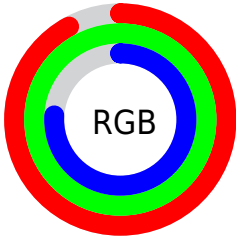
Format	Color
RYB	195, 255, 215
Decimal	15466435
CIELab	97.28, -16.43, 26.56
CIELCh	97, 31.234, 121.741
Yxy	93.1225, 0.3350, 0.3906
Android (android.graphics.Color)	4293656515 (0xFFEBFFC3)
YUV	242.1800, -23.2597, -6.2969
Hunter-Lab	96.4999, -21.1335, 27.3712

Details

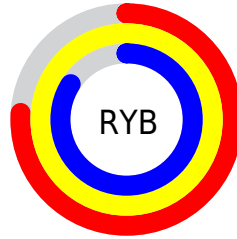
The HunterLab color **96.4999, -21.1335, 27.3712** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **77.9093, 13.9347, -23.7464**, and the grayscale version is **94.4066, -5.0373, 5.1293**.

A 20% lighter version of the original color is **99.9041, -5.8614, 6.8020**, and **72.0382, -18.0517, 23.3336** is the 20% darker color. If you saturate the color by 10%, you get **95.2120, -26.9700, 34.6684**, and if you desaturate by 10%, it is **97.9070, -14.7643, 18.8563**.

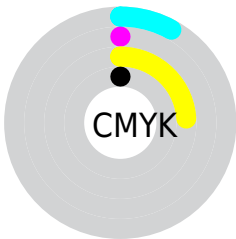
Distribution



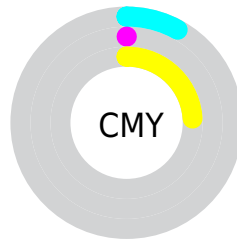
- Red (92%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.4999, -21.1335, 27.3712 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 96.4999, -21.1335, 27.3712 by changing the saturation by 10% instead.

96.4999, -21.1335,
27.3712

96.4999, -21.1335,
27.3712

231.9778,
-34.1194, 44.1615

84.0079, -19.6939,
25.4025

123.1537,
-23.9985, 31.2100

72.1069, -18.2455,
23.3903

137.2711,
-25.4307, 33.0947

60.8279, -16.7821,
21.3216

151.8902,
-26.8653, 34.9626

50.2073, -15.2960,
19.1795

166.9943,
-28.3038, 36.8174

40.2889, -13.7762,
16.9405

182.5684,
-29.7475, 38.6624

31.1262, -12.2063,
14.5712

198.5985,

22.7878, -10.5601,

-31.1975, 40.5000

12.0221

215.0722,
-32.6546, 42.3324

■ 15.3651, -8.7923,
9.8852

■ 8.9758, -8.4563,
6.2830

■ 96.4999, -21.1335,
27.3712

■ 96.4999, -21.1335,
27.3712

■ 95.2120, -26.9700,
34.6684

■ 97.9070, -14.7643,
18.8563

■ 94.0421, -32.2623,
40.7478

■ 99.4332, -7.8824,
9.1422

■ 92.9884, -37.0034,
45.6229

100.0000, -5.3358,
5.4332

■ 92.0478, -41.1950,
49.3274

■ 91.2158, -44.8489,
51.9184

■ 90.4862, -47.9891,
53.4816

■ 89.8504, -50.6570,
54.1419

■ 89.4796, -52.1830,
54.2234

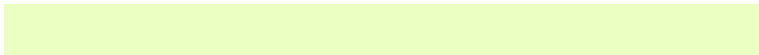
Harmonies

Analogous

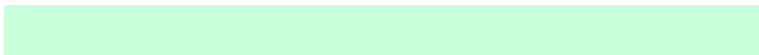
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5000, -6.1067, 30.6061



96.4999, -21.1335, 27.3712



96.5000, -31.2985, 18.3592

Triad

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



96.5000, -21.1330, 27.3705



96.5000, -19.5839, -24.9555



96.5000, 28.3012, 6.1562

Complementary

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



96.4999, -21.1335, 27.3712



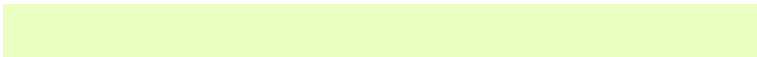
77.9093, 13.9347, -23.7464

Split Complementary

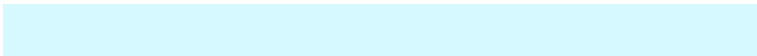
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5000, 24.1087, -9.9967



96.4999, -21.1335, 27.3712



96.5000, -4.1979, -29.6513

Square

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



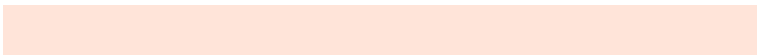
96.5000, -21.1330, 27.3705



96.5000, -30.4469, -11.8305



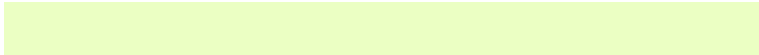
96.5000, 11.9371, -23.7788



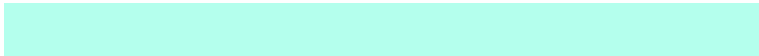
96.5000, 23.0457, 19.6904

Rectangle

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



96.4999, -21.1335, 27.3712



96.5000, -34.3205, 9.4484



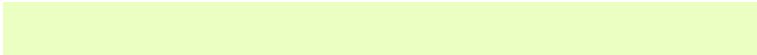
96.5000, 11.9371, -23.7788



96.5000, 27.9489, 0.8598

Sweetspot

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



96.5000, -21.1330, 27.3705



98.8899, -10.3282, 12.6489



85.9080, 6.3095, 17.4130



45.7080, -4.9722, 6.1273

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

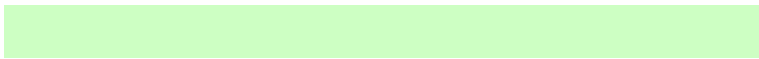
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5000, -21.1330, 27.3705



95.9094, -23.8096, 30.7846



94.0424, -30.2128, 24.8681



45.5738, -5.5774, 6.9815



64.7466, -37.4577, 39.2408



20.3507, -11.1004, 12.3457

Inverse Universe

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



77.9093, 13.9347, -23.7464



73.9311, 17.7826, -30.0045



81.0332, 23.8908, -18.8716



42.0379, 1.0536, -2.6384



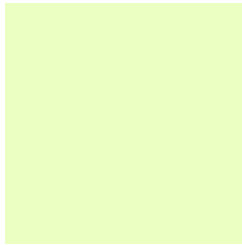
22.0323, 54.8536, -118.4941



7.2767, 17.5094, -34.4279

Previews

White Background



This preview shows how the HunterLab color 96.4999, -21.1335, 27.3712 looks on a white background.

Color Contrast Check

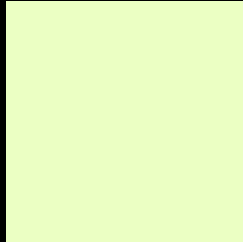
Large Text (above 18pt) WCAG AA × Fail

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 96.4999, -21.1335, 27.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

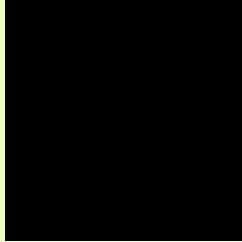
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

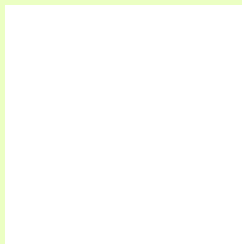
Any Text WCAG AAA ✓ Pass

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

HunterLab 96.4999, -21.1335, 27.3712 Background



This preview shows how black text looks on a background with the HunterLab color 96.4999, -21.1335, 27.3712.



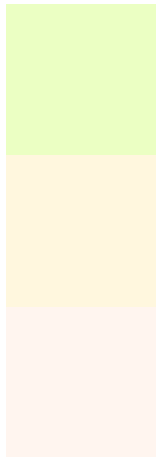
This preview shows how white text looks on a background with the HunterLab color 96.4999,

-21.1335, 27.3712.

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

96.4999, -21.1335, 27.3712

Protanopia

96.4653, -6.5602, 16.8515

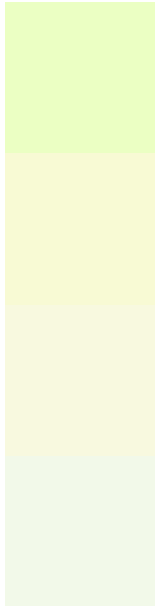
Deuteranopia

96.3311, -2.7885, 9.0489

Tritanopia

96.2935, -3.5117, 1.0221

Trichromacy



Original Color

96.4999, -21.1335, 27.3712

Protanomaly

96.4786, -11.9804, 20.9618

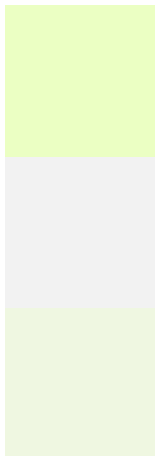
Deuteranomaly

96.4549, -9.8174, 16.3504

Tritanomaly

96.1831, -10.2001, 11.5680

Monochromacy



Original Color

96.4999, -21.1335, 27.3712

Achromatopsia

94.2297, -5.0279, 5.1197

Achromatomaly

95.0308, -11.4386, 13.9141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 96.4999, -21.1335, 27.3712 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(235, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 195)  
}
```

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(235, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 96.4999, -21.1335, 27.3712 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(235, 255, 195) }
```


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

```
.border{ border-color:rgb(235, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 96.4999, -21.1335, 27.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 195) }
```

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

```
.background{ background-color: rgb(235,  
255, 195) }
```

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