

# Converting Colors

HunterLab(94.8731, -17.0399,  
19.9113)

Have a look what the booklet for  
HunterLab(94.8731, -17.0399,  
19.9113) contains.

<b>HunterLab(95.0516, -17.1900, 20.2366)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**HunterLab(95.0516,  
-17.1900, 20.2366)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E9FAD2
RGB	233, 250, 210
RGB Percent	91%, 98%, 82%
CMY	0.0863, 0.0196, 0.1765
CMYK	0.07, 0.00, 0.16, 0.02
HSL	86°, 80%, 90%
HSV	86°, 16%, 98%
XYZ	79.4228, 90.3481, 74.2257
YIQ	240.3570, 2.7080, -16.0440

# Conversions

## Conversions Part 2

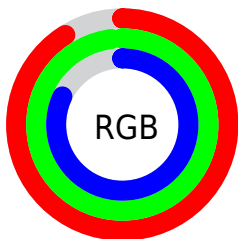
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 250, 227
Decimal	15334098
CIE <sub>Lab</sub>	96.14, -12.42, 17.33
CIE <sub>LCh</sub>	96, 21.320, 125.634
Yxy	90.3520, 0.3255, 0.3703
Android (android.graphics.Color)	4293524178 (0xFFE9FAD2)
YUV	240.3570, -14.9660, -6.4521
Hunter-Lab	95.0516, -17.1900, 20.2366

# Details

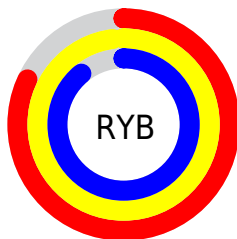
The HunterLab color  $95.0516, -17.1900, 20.2366$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $83.2639, 8.6067, -12.9477$ , and the grayscale version is  $93.5694, -4.9926, 5.0838$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $70.9205, -15.0294, 17.5130$  is the 20% darker color. If you saturate the color by 10%, you get  $93.5235, -23.9874, 28.1103$ , and if you desaturate by 10%, it is  $96.7160, -9.8614, 11.2394$ .

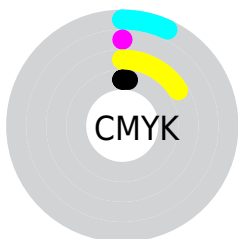
# Distribution



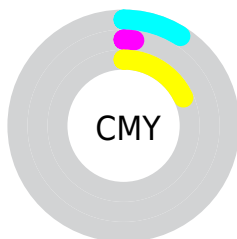
- Red (91%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.0516, -17.1900, 20.2366 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 95.0516, -17.1900, 20.2366 by changing the saturation by 10% instead.



95.0516, -17.1900,  
20.2366

95.0516, -17.1900,  
20.2366

230.0381,  
-28.7410, 33.5889

82.6272, -15.9465,  
18.7446

121.5842,  
-19.6971, 23.1997

70.7952, -14.7016,  
17.2366

135.6436,  
-20.9596, 24.6754

59.5889, -13.4539,  
15.7065

150.2067,  
-22.2307, 26.1513

49.0457, -12.1980,  
14.1445

165.2565,  
-23.5113, 27.6292

39.2100, -10.9263,  
12.5365

180.7780,  
-24.8021, 29.1108

30.1371, -9.6271,  
10.8613

196.7570,

21.8975, -8.2815,

-26.1037, 30.5972

9.0855

213.1810,  
-27.4166, 32.0896

■ 14.5859, -6.8560,  
7.2250

■ 8.2463, -7.0040,  
5.7724

■ 95.0516, -17.1900,  
20.2366

■ 95.0516, -17.1900,  
20.2366

■ 93.5235, -23.9874,  
28.1103

■ 96.7160, -9.8614,  
11.2394

■ 92.1262, -30.2204,  
34.8346

■ 98.3433, -2.9287,  
3.5095

■ 90.8616, -35.8708,  
40.4033

■ 98.4149, -2.6813,  
3.5995

■ 89.7281, -40.9255,  
44.8260

■ 88.7231, -45.3804,  
48.1332

■ 87.8422, -49.2431,  
50.3806

■ 87.0790, -52.5356,  
51.6554

■ 86.4241, -55.3003,  
52.0890

■ 86.1860, -56.2949,  
52.1219

# Harmonies

## Analogous

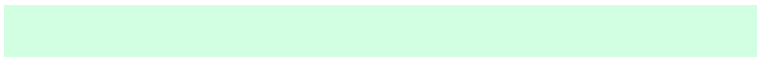
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0537, -7.1627, 23.2394



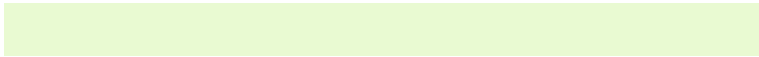
95.0516, -17.1900, 20.2366



95.0537, -23.7446, 13.1735

# Triad

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



95.0537, -17.1923, 20.2378



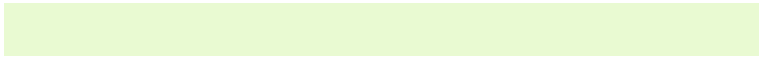
95.0537, -13.7214, -15.2365



95.0537, 17.1046, 7.1453

# Complementary

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



95.0516, -17.1900, 20.2366



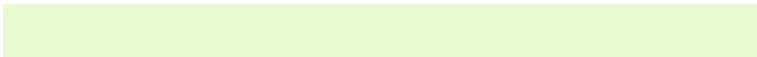
83.2639, 8.6067, -12.9477

# Split Complementary

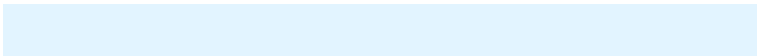
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0537, 15.1527, -3.5874



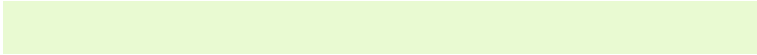
95.0516, -17.1900, 20.2366



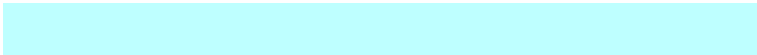
95.0537, -2.9729, -17.3248

# Square

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



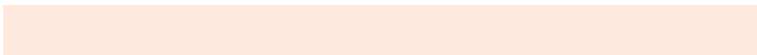
95.0537, -17.1923, 20.2378



95.0537, -21.8059, -7.4283



95.0537, 7.6774, -12.8469

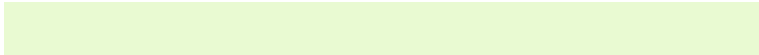


95.0537, 12.8955, 16.2569

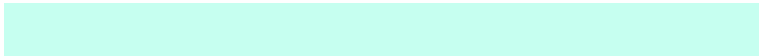


# Rectangle

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



95.0516, -17.1900, 20.2366



95.0537, -25.4319, 6.7064



95.0537, 7.6774, -12.8469



95.0537, 17.1495, 3.6157

# Sweetspot

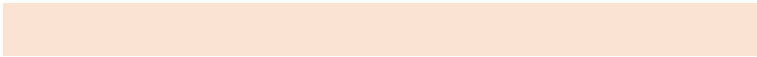
The Sweet Spot groups the original color and five complimentary colors.



95.0537, -17.1923, 20.2378



99.0921, -9.3100, 10.5166



89.2952, 0.5311, 14.5471



45.7867, -4.5609, 5.1857

0.0000, NaN, NaN

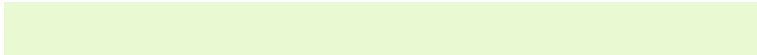


46.2646, -2.4686, 2.5136

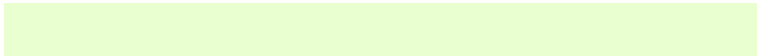


# Same Dimension

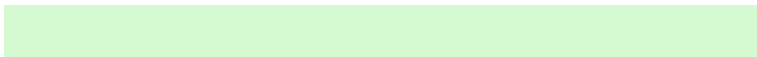
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0537, -17.1923, 20.2378



96.7285, -19.7402, 23.2511



93.3941, -23.2325, 18.4336



44.4993, -5.7786, 6.7173



62.8372, -40.7179, 38.0071



19.2859, -11.7327, 11.6785



# Inverse Universe

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



83.2639, 8.6067, -12.9477



82.4514, 11.5365, -17.0233



85.2710, 15.1976, -10.0796



41.2354, 1.3519, -2.4402



23.1858, 55.4962, -107.4177

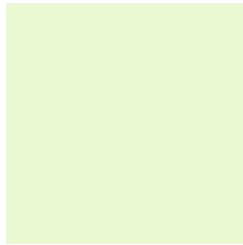


7.4759, 17.3382, -30.3280



# Previews

## White Background



This preview shows how the HunterLab color 95.0516, -17.1900, 20.2366 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

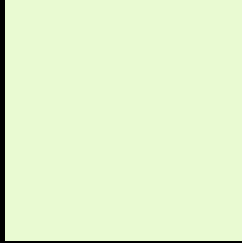
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.0516, -17.1900, 20.2366 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

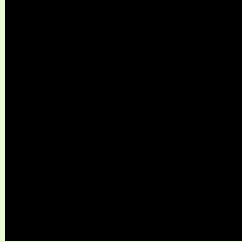
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

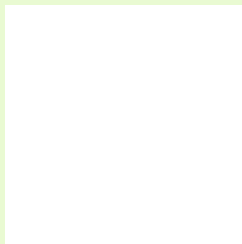
Any Text WCAG AAA ✓ Pass

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

## HunterLab 95.0516, -17.1900, 20.2366 Background



This preview shows how black text looks on a background with the HunterLab color 95.0516, -17.1900, 20.2366.



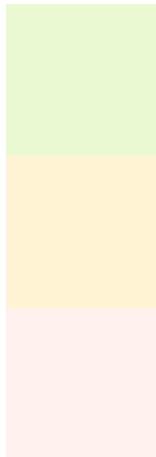
This preview shows how white text looks on a background with the HunterLab color 95.0516, -17.1900, 20.2366.

-17.1900, 20.2366.

# 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

95.0516, -17.1900, 20.2366

### Protanopia

94.9022, -6.1127, 19.8693

### Deuteranopia

94.9572, -1.3347, 9.4138



## Tritanopia

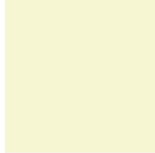
94.9729, -3.2163, -0.5965

# Trichromacy



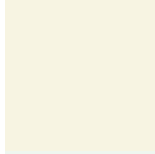
## Original Color

95.0516, -17.1900, 20.2366



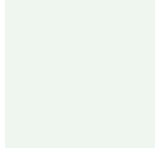
## Protanomaly

95.0730, -10.4109, 19.9685



## Deuteranomaly

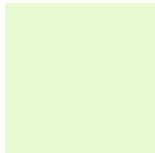
94.8507, -7.0883, 13.3464



## Tritanomaly

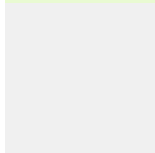
95.1285, -8.6080, 7.5706

# Monochromacy



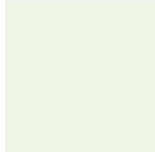
## Original Color

95.0516, -17.1900, 20.2366



## Achromatopsia

93.3470, -4.9808, 5.0717



## Achromatomaly

94.0016, -9.8968, 10.9946

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.0516, -17.1900, 20.2366 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(233, 250, 210)` looks like.

```
.text, #text, p{  
    color:rgb(233, 250, 210)  
}
```

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(233, 250, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 250, 210) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.0516, -17.1900, 20.2366 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".

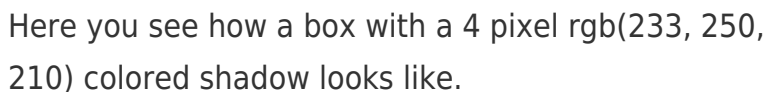
```
.border, #border, table{ border:4px solid rgb(233, 250, 210) }
```



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

```
.border{ border-color:rgb(233, 250, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 250, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 250, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 250, 210); box-shadow:4px 4px 4px 4px rgb(233, 250, 210) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.0516, -17.1900, 20.2366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 250, 210) }
```

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

```
.background{ background-color: rgb(233,  
250, 210) }
```

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