

# Converting Colors

HunterLab(85.9850, -0.7534,  
19.4415)

Have a look what the booklet for  
HunterLab(85.9850, -0.7534,  
19.4415) contains.

<b>HunterLab(86.1030, -1.0113, 19.4935)</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(86.1030, -1.0113,  
19.4935)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4DCBE
RGB	244, 220, 190
RGB Percent	96%, 86%, 75%
CMY	0.0431, 0.1372, 0.2549
CMYK	0.00, 0.10, 0.22, 0.04
HSL	33°, 71%, 85%
HSV	33°, 22%, 96%
XYZ	72.1958, 74.1373, 59.2201
YIQ	223.7560, 23.9340, -4.2420

# Conversions

## Conversions Part 2

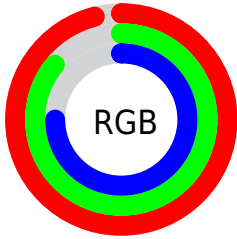
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 244, 190
Decimal	16047294
CIE Lab	88.99, 3.67, 17.76
CIE LCh	89, 18.135, 78.318
Yxy	74.1406, 0.3512, 0.3607
Android (android.graphics.Color)	4294237374 (0xFFF4DCBE)
YUV	223.7560, -16.6417, 17.7540
Hunter-Lab	86.1030, -1.0113, 19.4935

# Details

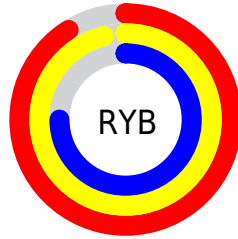
The HunterLab color  $86.1030, -1.0113, 19.4935$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $80.9756, -5.8948, -12.8740$ , and the grayscale version is  $86.2950, -4.6045, 4.6886$ .

A 20% lighter version of the original color is  $99.7165, -6.8910, 9.4830$ , and  $62.6747, -0.1338, 16.2287$  is the 20% darker color. If you saturate the color by 10%, you get  $82.2515, 1.4518, 24.8410$ , and if you desaturate by 10%, it is  $90.0976, -3.0771, 13.4216$ .

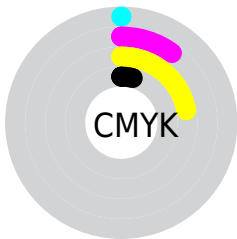
# Distribution



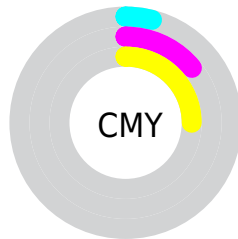
- Red (96%)
- Green (86%)
- Blue (75%)



- Red (91%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (4%)




- Cyan (4%)
- Magenta (14%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.1030, -1.0113, 19.4935 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 86.1030, -1.0113, 19.4935 by changing the saturation by 10% instead.





 86.1030, -1.0113,  
19.4935

 86.1030, -1.0113,  
19.4935


217.9354, -6.7728,  
33.0017

 74.1007, -0.5449,  
17.9688

 111.8459, -2.0673,  
22.5082

 62.7128, -0.1179,  
16.4216


125.5336, -2.6472,  
24.0047

 51.9767, 0.2635,  
14.8437


139.7382, -3.2601,  
25.4988

 41.9345, 0.5948,  
13.2222

154.4415, -3.9045,  
26.9928

 32.6382, 0.8704,  
11.5374

169.6270, -4.5791,  
28.4887

 24.1530, 1.0821,  
9.7595

185.2801, -5.2827,

 16.5656, 1.2184,

29.9880

7.8388

201.3870, -6.0143,  
31.4920

■ 9.9985, 1.2607,  
6.9989

0.0000, NaN, NaN

■ 86.1030, -1.0113,  
19.4935

■ 86.1030, -1.0113,  
19.4935

■ 82.2515, 1.4518,  
24.8410

■ 90.0976, -3.0771,  
13.4216

■ 78.5479, 4.3427,  
29.3963

■ 94.2198, -4.7624,  
6.6836

■ 75.0048, 7.6766,  
33.0968

■ 98.1882, -7.6033,  
3.2420

■ 71.6338, 11.4637,  
35.8843

■ 98.9814, -8.8973,  
4.1660

■ 68.4459, 15.7021,  
37.7134

■ 65.4515, 20.3725,  
38.5644

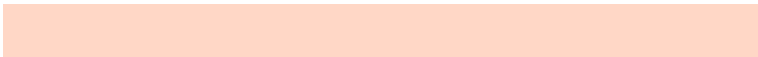
■ 62.6585, 25.4301,  
38.4635

■ 60.5994, 29.6044,  
37.8593

# Harmonies

## Analogous

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



86.1049, 7.3938, 16.2538



86.1030, -1.0113, 19.4935



86.1049, -10.0493, 19.0862

# Triad

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



86.1049, -1.0140, 19.4947



86.1049, -20.6450, -0.7308



86.1049, 8.9138, -7.1794

# Complementary

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



86.1030, -1.0113, 19.4935



80.9756, -5.8948, -12.8740

# 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.



86.1049, 0.9905, -12.7291



86.1030, -1.0113, 19.4935



86.1049, -15.9693, -8.7470

# Square

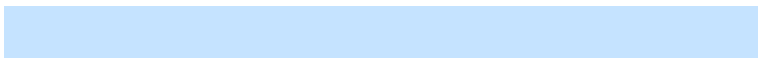
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.1049, -1.0140, 19.4947



86.1049, -21.1313, 8.0015



86.1049, -8.1262, -13.3310



86.1049, 13.2832, 1.2351



# Rectangle

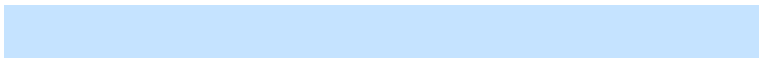
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.1030, -1.0113, 19.4935



86.1049, -15.2196, 16.7912



86.1049, -8.1262, -13.3310



86.1049, 6.5628, -9.4779

# Sweetspot

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



86.1049, -1.0140, 19.4947



96.9260, -4.1892, 10.5715



78.0586, 18.6639, -0.0491



44.7212, -1.8884, 5.0889

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.1049, -1.0140, 19.4947



88.5107, 0.1583, 23.3686



93.3666, -14.2245, 26.3471



42.4378, -1.6562, 5.4472



44.9943, 21.1519, 28.0956



14.0860, 4.6913, 8.7619

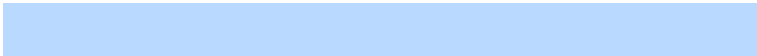


# Inverse Universe

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



80.9756, -5.8948, -12.8740



81.9583, -6.0362, -18.0442



73.9309, 7.4206, -22.9532



41.3991, -2.6539, -1.0924



31.1364, 14.0214, -69.1861

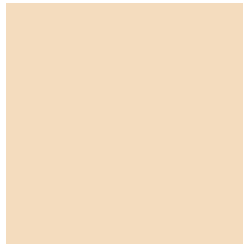


10.2648, 2.0541, -17.2644



# Previews

## White Background



This preview shows how the HunterLab color 86.1030, -1.0113, 19.4935 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

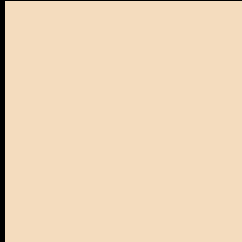
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.1030, -1.0113, 19.4935 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

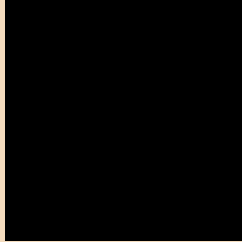
Any Text WCAG AA ✓ Pass

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 86.1030, -1.0113, 19.4935 Background



This preview shows how black text looks on a background with the HunterLab color 86.1030, -1.0113, 19.4935.



This preview shows how white text looks on a background with the HunterLab color 86.1030, -1.0113,



# 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

86.1030, -1.0113, 19.4935

### Protanopia

86.1389, -5.5777, 19.0539

### Deuteranopia

86.1522, 5.5006, 18.4617



## Tritanopia

86.0246, 10.3457, 1.0831

# Trichromacy



## Original Color

86.1030, -1.0113, 19.4935

## Protanomaly

86.1286, -4.0239, 19.0707

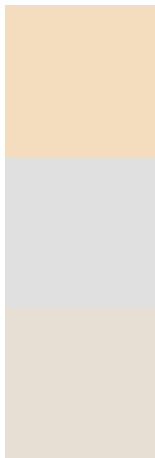
## Deuteranomaly

85.9888, 3.3630, 18.6595

## Tritanomaly

85.9324, 6.0498, 8.2332

# Monochromacy



## Original Color

86.1030, -1.0113, 19.4935

## Achromatopsia

86.3368, -4.6067, 4.6908

## Achromatomaly

86.3237, -3.7846, 10.3449

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.1030, -1.0113, 19.4935 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(244, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 190)  
}
```

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(244, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 190) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.1030, -1.0113, 19.4935 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(244, 220, 190) }
```



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

```
.border{ border-color:rgb(244, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
190) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.1030, -1.0113, 19.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 190) }
```

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

```
.background{ background-color: rgb(244,  
220, 190) }
```

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](#).

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