

# Converting Colors

HunterLab(89.8747, 0.3239,  
19.2673)

Have a look what the booklet for  
HunterLab(89.8747, 0.3239,  
19.2673) contains.

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# Color

**HunterLab(89.9538, 0.1556,  
19.4154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE4C8
RGB	255, 228, 200
RGB Percent	100%, 89%, 78%
CMY	0.0000, 0.1059, 0.2157
CMYK	0.00, 0.11, 0.22, 0.00
HSL	31°, 100%, 89%
HSV	31°, 22%, 100%
XYZ	79.4087, 80.9169, 66.0768
YIQ	232.8810, 25.0800, -2.9840

# Conversions

## Conversions Part 2

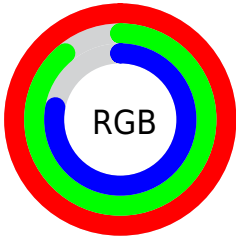
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 255, 200
Decimal	16770248
CIE <sub>Lab</sub>	92.10, 4.99, 17.04
CIE <sub>LCh</sub>	92, 17.760, 73.679
Yxy	80.9204, 0.3507, 0.3574
Android (android.graphics.Color)	4294960328 (0xFFFFE4C8)
YUV	232.8810, -16.2103, 19.3984
Hunter-Lab	89.9538, 0.1556, 19.4154

# Details

The HunterLab color  $89.9538, 0.1556, 19.4154$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $86.2759, -7.5270, -11.9847$ , and the grayscale version is  $90.2793, -4.8171, 4.9050$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $66.3085, 0.8465, 16.5581$  is the 20% darker color. If you saturate the color by 10%, you get  $85.5492, 3.3445, 24.8427$ , and if you desaturate by 10%, it is  $94.5260, -2.6181, 13.2946$ .

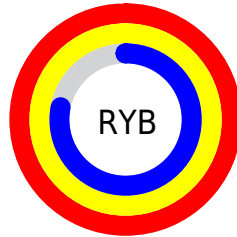
# Distribution



Red (100%)

Green (89%)

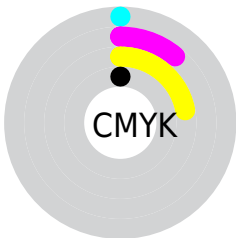
Blue (78%)



Red (99%)

Yellow (100%)

Blue (78%)

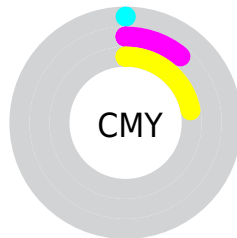


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.9538, 0.1556, 19.4154 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 89.9538, 0.1556, 19.4154 by changing the saturation by 10% instead.



89.9538, 0.1556,  
19.4154

89.9538, 0.1556,  
19.4154

223.1657, -5.2413,  
32.6578

77.7664, 0.5739,  
17.9328

116.0427, -0.8106,  
22.3566

66.1834, 0.9511,  
16.4324

129.8931, -1.3477,  
23.8205

55.2406, 1.2804,  
14.9075

144.2544, -1.9191,  
25.2841

44.9778, 1.5569,  
13.3471

159.1093, -2.5234,  
26.7495

35.4434, 1.7746,  
11.7349

174.4416, -3.1589,  
28.2183

26.6981, 1.9249,  
10.0462

190.2371, -3.8245,

18.8207, 1.9957,

29.6919

8.2409

206.4825, -4.5189,  
31.1714

■ 11.9203, 1.9682,  
7.0189

■ 4.8174, 4.2573,  
3.3722

■ 89.9538, 0.1556,  
19.4154

■ 89.9538, 0.1556,  
19.4154

■ 85.5492, 3.3445,  
24.8427

■ 94.5260, -2.6181,  
13.2946

■ 81.3203, 6.9838,  
29.5001

■ 99.2469, -4.9965,  
6.5444

■ 77.2844, 11.0912,  
33.3139

100.0000, -5.3358,  
5.4332

■ 73.4576, 15.6775,  
36.2117

■ 69.8565, 20.7387,  
38.1316

■ 66.4973, 26.2475,  
39.0368

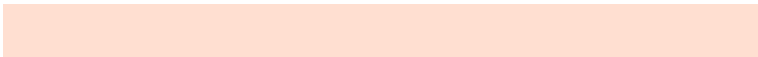
■ 63.3942, 32.1441,  
38.9393

■ 60.9783, 37.3149,  
38.2278

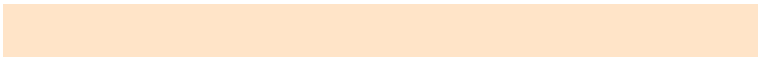
# Harmonies

## Analogous

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



89.9558, 8.1684, 15.6240



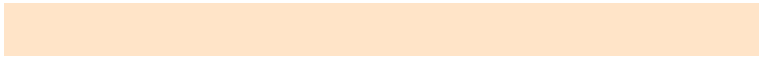
89.9538, 0.1556, 19.4154



89.9558, -8.8946, 19.5800

# Triad

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



89.9558, 0.1526, 19.4166



89.9558, -21.1416, 0.8815



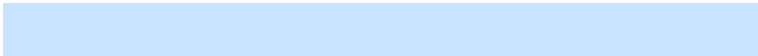
89.9558, 7.5682, -7.9568

# Complementary

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



89.9538, 0.1556, 19.4154



86.2759, -7.5270, -11.9847

# Split Complementary

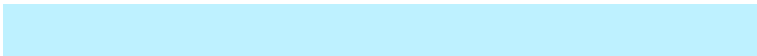
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.9558, -0.6403, -12.7741



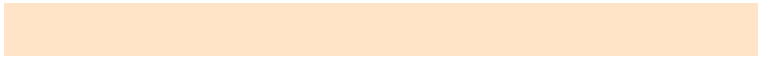
89.9538, 0.1556, 19.4154



89.9558, -17.0817, -7.3400

# Square

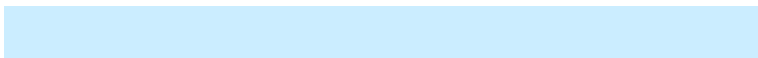
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.9558, 0.1526, 19.4166



89.9558, -20.9483, 9.4382



89.9558, -9.6568, -12.5378



89.9558, 12.5644, 0.1050



# Rectangle

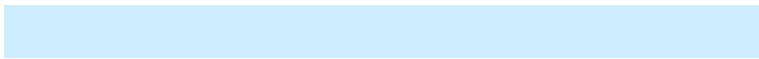
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.9538, 0.1556, 19.4154



89.9558, -14.2794, 17.6453



89.9558, -9.6568, -12.5378



89.9558, 5.0792, -10.0433

# Sweetspot

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



89.9558, 0.1526, 19.4166



97.1367, -3.9889, 9.6096



82.5488, 19.5090, -1.2498



44.7971, -1.7739, 4.6503

0.0000, NaN, NaN

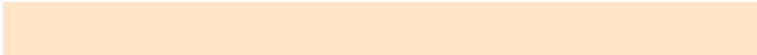


46.2646, -2.4686, 2.5136



# Same Dimension

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



89.9558, 0.1526, 19.4166



87.9818, 1.5136, 21.9116



98.4633, -13.8207, 27.5262



44.1772, -1.4527, 5.5291



44.4173, 26.1888, 27.8282

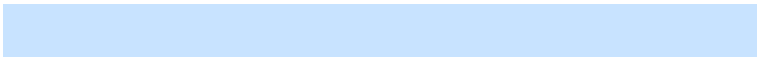


14.6275, 6.4609, 9.1265

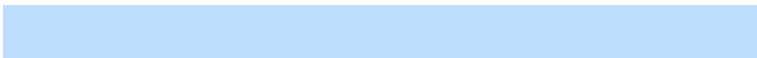


# Inverse Universe

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



86.2759, -7.5270, -11.9847



83.5707, -7.6663, -15.7586



77.9801, 6.6564, -23.7649



43.4165, -3.0472, -0.9538



34.2849, 9.8839, -64.1897

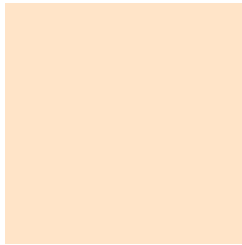


11.6725, 1.2253, -17.2348



# Previews

## White Background



This preview shows how the HunterLab color 89.9538, 0.1556, 19.4154 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

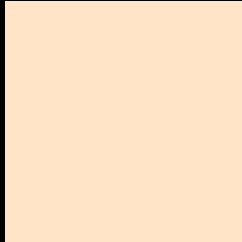
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.9538, 0.1556, 19.4154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

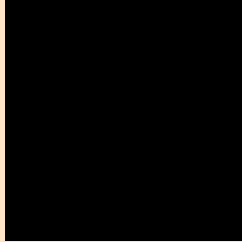
Any Text WCAG AA ✓ Pass

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 89.9538, 0.1556, 19.4154 Background



This preview shows how black text looks on a background with the HunterLab color 89.9538, 0.1556, 19.4154.



This preview shows how white text looks on a background with the HunterLab color 89.9538, 0.1556,

19.4154.

# 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

89.9538, 0.1556, 19.4154

### Protanopia

90.1169, -5.5317, 18.6699

### Deuteranopia

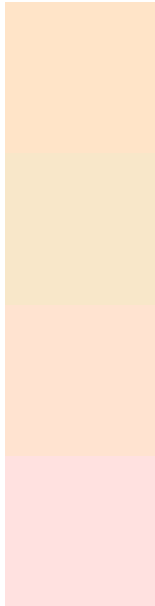
90.0013, 2.5889, 14.0337



## Tritanopia

89.8579, 8.2779, 2.1428

# Trichromacy



## Original Color

89.9538, 0.1556, 19.4154

## Protanomaly

90.1806, -3.7624, 19.1729

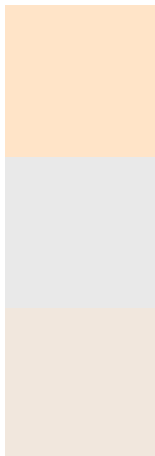
## Deuteranomaly

89.8622, 1.8382, 16.0324

## Tritanomaly

89.7175, 5.3834, 8.7738

# Monochromacy



## Original Color

89.9538, 0.1556, 19.4154

## Achromatopsia

90.2689, -4.8165, 4.9045

## Achromatomaly

90.0406, -3.1336, 10.3833

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.9538, 0.1556, 19.4154 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(255, 228, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 200)  
}
```

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(255, 228, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 200) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.9538, 0.1556, 19.4154 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(255, 228, 200) }
```



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

```
.border{ border-color:rgb(255, 228, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
200) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.9538, 0.1556, 19.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 200) }
```

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

```
.background{ background-color: rgb(255,  
228, 200) }
```

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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