

# Converting Colors

HunterLab(89.8700, 31.5597,  
26.5790)

Have a look what the booklet for  
HunterLab(89.8700, 31.5597,  
26.5790) contains.

<b>HunterLab(82.9337, 9.3054, 19.6273)</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(82.9337, 9.3054,  
19.6273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCEB6
RGB	255, 206, 182
RGB Percent	100%, 81%, 71%
CMY	0.0000, 0.1921, 0.2863
CMYK	0.00, 0.19, 0.29, 0.00
HSL	20°, 100%, 86%
HSV	20°, 29%, 100%
XYZ	71.7548, 68.7800, 53.7499
YIQ	217.9150, 36.9080, 2.9240

# Conversions

## Conversions Part 2

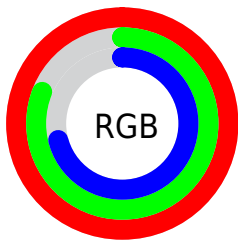
Format	Color
R <sub>Y</sub> B	255, 218, 182
Decimal	16764598
CIE Lab	86.40, 13.91, 18.48
CIE LCh	86, 23.132, 53.021
Yxy	68.7831, 0.3693, 0.3540
Android (android.graphics.Color)	4294954678 (0xFFFFCEB6)
YUV	217.9150, -17.7061, 32.5235
Hunter-Lab	82.9337, 9.3054, 19.6273

# Details

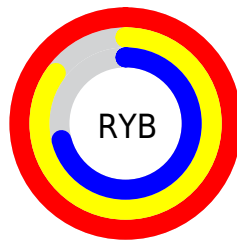
The HunterLab color **82.9337, 9.3054, 19.6273** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2059, -14.3721, -12.2006**, and the grayscale version is **83.7595, -4.4692, 4.5508**.

A 20% lighter version of the original color is **99.4751, -8.2187, 12.9402**, and **59.9264, 8.9628, 16.5350** is the 20% darker color. If you saturate the color by 10%, you get **77.4764, 15.2259, 23.7669**, and if you desaturate by 10%, it is **88.6733, 3.8169, 15.0211**.

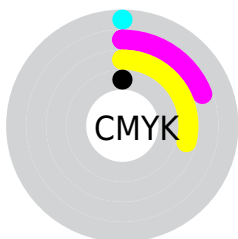
# Distribution



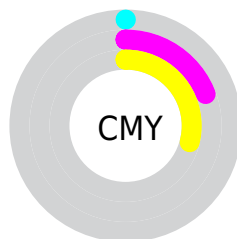
- Red (100%)
- Green (81%)
- Blue (71%)



- Red (100%)
- Yellow (85%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (19%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.9337, 9.3054, 19.6273 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 82.9337, 9.3054, 19.6273 by changing the saturation by 10% instead.



 82.9337, 9.3054,  
19.6273

 82.9337, 9.3054,  
19.6273


213.6038, 7.1408,  
33.4126

 71.0880, 9.2914,  
18.0590

 108.3844, 9.1479,  
22.7182

 59.8655, 9.2141,  
16.4634


121.9349, 8.9917,  
24.2487

 49.3049, 9.0629,  
14.8309


136.0073, 8.7876,  
25.7746

 39.4506, 8.8280,  
13.1462

150.5829, 8.5387,  
27.2985

 30.3576, 8.4968,  
11.3866

165.6449, 8.2475,  
28.8226

 22.0957, 8.0516,  
9.5165

181.1782, 7.9161,

 14.7591, 7.4678,

30.3488

7.5817

197.1687, 7.5466,  
31.8784

■ 8.4151, 7.0067,  
5.8906

0.0000, NaN, NaN

■ 82.9337, 9.3054,  
19.6273

■ 82.9337, 9.3054,  
19.6273

■ 77.4764, 15.2259,  
23.7669

■ 88.6733, 3.8169,  
15.0211

■ 72.3319, 21.6026,  
27.3472

■ 94.6585, -1.2590,  
10.0189

■ 67.5431, 28.4220,  
30.2668

100.0000, -5.3358,  
5.4332

■ 63.1559, 35.6321,  
32.4150

■ 59.2186, 43.1205,  
33.6888

■ 55.7788, 50.6938,  
34.0224

■ 52.8733, 58.0521,  
33.4838

■ 52.5147, 59.0134,  
33.3925

# Harmonies

## Analogous

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



82.9356, 16.9302, 12.3302



82.9337, 9.3054, 19.6273



82.9356, -1.7243, 22.8051

# Triad

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



82.9356, 9.3023, 19.6285



82.9356, -25.2669, 7.0311



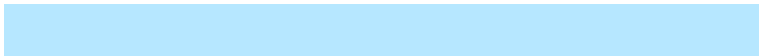
82.9356, 4.4007, -17.2850

# Complementary

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



82.9337, 9.3054, 19.6273



86.2059, -14.3721, -12.2006

# 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.



82.9356, -7.1008, -19.2100



82.9337, 9.3054, 19.6273



82.9356, -23.8252, -4.1448

# Square

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



82.9356, 9.3023, 19.6285



82.9356, -21.3737, 16.2024



82.9356, -17.3225, -14.1193



82.9356, 13.9943, -9.1691



# Rectangle

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



82.9337, 9.3054, 19.6273



82.9356, -9.3557, 22.5128



82.9356, -17.3225, -14.1193



82.9356, 0.6140, -18.7191

# Sweetspot

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



82.9356, 9.3023, 19.6285



94.4310, -1.0765, 10.2119



77.8050, 30.2102, -9.6388



43.2792, -0.1666, 5.0706

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.9356, 9.3023, 19.6285



79.9655, 12.4293, 21.9158



93.7624, -9.2679, 29.6282



43.5461, -0.3835, 4.8449



38.2775, 41.7638, 24.3176

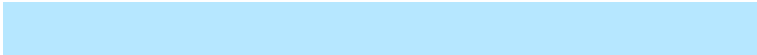


12.7146, 10.9603, 8.0266

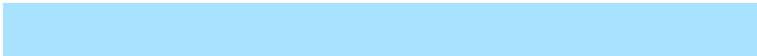


# Inverse Universe

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



86.2059, -14.3721, -12.2006



83.8076, -15.4798, -15.5597



75.0787, 3.9950, -28.3791



44.0631, -4.1032, -0.1681



43.9374, -7.0231, -39.7570



14.4208, -3.2724, -10.9606



# Previews

## White Background



This preview shows how the HunterLab color 82.9337, 9.3054, 19.6273 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 82.9337, 9.3054, 19.6273 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

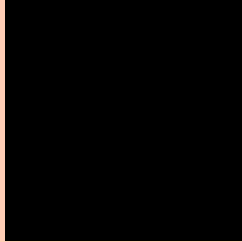
Any Text WCAG AA ✓ Pass

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 82.9337, 9.3054, 19.6273 Background



This preview shows how black text looks on a background with the HunterLab color 82.9337, 9.3054, 19.6273.



This preview shows how white text looks on a background with the HunterLab color 82.9337, 9.3054,



# 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

82.9337, 9.3054, 19.6273

### Protanopia

83.0846, -5.3128, 17.5539

### Deuteranopia

82.9537, 6.3690, 19.5958



## Tritanopia

83.0552, 16.1001, 4.5981

# Trichromacy



**Original Color**

82.9337, 9.3054, 19.6273

**Protanomaly**

82.8217, -0.0513, 18.1755

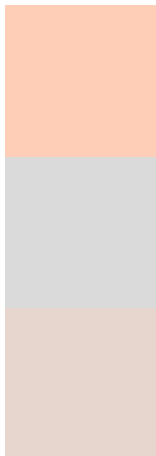
**Deuteranomaly**

82.8846, 7.6447, 19.5492

**Tritanomaly**

82.9490, 13.5049, 10.5164

# Monochromacy



**Original Color**

82.9337, 9.3054, 19.6273

**Achromatopsia**

83.7318, -4.4677, 4.5493

**Achromatomaly**

83.3606, -0.2276, 10.2824

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.9337, 9.3054, 19.6273 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, 206, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 182)  
}
```

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, 206, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 182) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.9337, 9.3054, 19.6273 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, 206, 182) }
```



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

```
.border{ border-color:rgb(255, 206, 182) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
182) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.9337, 9.3054, 19.6273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 182) }
```

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

```
.background{ background-color: rgb(255,  
206, 182) }
```

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