

# Converting Colors

HunterLab(80.4472, 16.5783,  
13.9687)

Have a look what the booklet for  
HunterLab(80.4472, 16.5783,  
13.9687) contains.

<b>HunterLab(80.2855, 15.7422, 13.7714)</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(80.2855, 15.7422,  
13.7714)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC4BE
RGB	255, 196, 190
RGB Percent	100%, 77%, 75%
CMY	0.0000, 0.2313, 0.2549
CMYK	0.00, 0.23, 0.25, 0.00
HSL	6°, 100%, 87%
HSV	6°, 25%, 100%
XYZ	70.2742, 64.4576, 57.4530
YIQ	212.9570, 37.0900, 10.6420

# Conversions

## Conversions Part 2

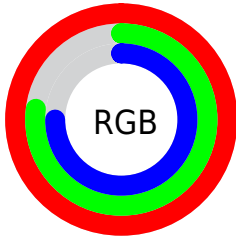
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 197, 190
Decimal	16762046
CIE Lab	84.20, 20.21, 11.15
CIE LCh	84, 23.080, 28.891
Yxy	64.4605, 0.3657, 0.3354
Android (android.graphics.Color)	4294952126 (0xFFFFC4BE)
YUV	212.9570, -11.3178, 36.8717
Hunter-Lab	80.2855, 15.7422, 13.7714

# Details

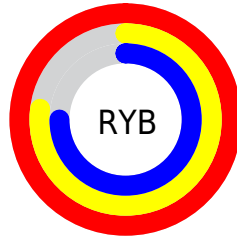
The HunterLab color **80.2855, 15.7422, 13.7714** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.6908, -21.3207, -3.7738**, and the grayscale version is **81.5902, -4.3535, 4.4330**.

A 20% lighter version of the original color is **99.0779, -5.8368, 8.7739**, and **57.4652, 15.0321, 11.2545** is the 20% darker color. If you saturate the color by 10%, you get **73.3436, 24.7399, 17.0426**, and if you desaturate by 10%, it is **87.7119, 7.1550, 10.4865**.

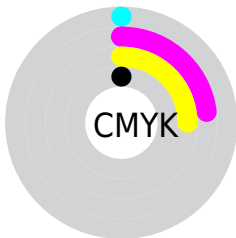
# Distribution



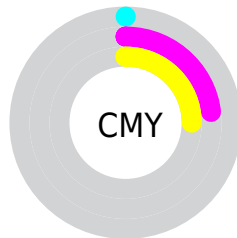
- Red (100%)
- Green (77%)
- Blue (75%)



- Red (100%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.2855, 15.7422, 13.7714 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 80.2855, 15.7422, 13.7714 by changing the saturation by 10% instead.





 80.2855, 15.7422,  
13.7714

 80.2855, 15.7422,  
13.7714


209.9645, 15.7808,  
24.7914

 68.5739, 15.4362,  
12.5885


 105.4864, 16.1332,  
16.1534

 57.4930, 15.0533,  
11.4039


118.9198, 16.2361,  
17.3546

 47.0831, 14.5806,  
10.2133


132.8795, 16.2824,  
18.5654

 37.3905, 14.0063,  
9.0088


147.3464, 16.2759,  
19.7866

 28.4730, 13.3151,  
7.7779

162.3032, 16.2198,  
21.0193

 20.4048, 12.4875,  
6.5001


177.7343, 16.1170,

 13.2871, 11.5006,


22.2640


5.1393


193.6258, 15.9699,  
23.5212


 6.8229, 12.6339,  
4.7760


0.0000, NaN, NaN


 80.2855, 15.7422,  
13.7714


 80.2855, 15.7422,  
13.7714

 73.3436, 24.7399,  
17.0426


 87.7119, 7.1550,  
10.4865

 66.9678, 34.1023,  
20.2361

 95.5463, -1.0153,  
7.2161

 61.2637, 43.6663,  
23.2517

100.0000, -5.3358,  
5.4332

 56.3478, 53.1130,  
25.9361

■ 52.3379, 61.9268,  
28.0895

■ 49.3293, 69.4303,  
29.5081

■ 47.3595, 74.9507,  
30.0791

■ 46.7923, 76.6445,  
30.1750

# Harmonies

## Analogous

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



80.2873, 18.7315, 3.9673



80.2855, 15.7422, 13.7714



80.2873, 7.3083, 20.1988

# Triad

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



80.2873, 15.7390, 13.7727



80.2873, -22.1421, 14.3790



80.2873, -4.7103, -19.2959

# Complementary

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



80.2855, 15.7422, 13.7714



92.6908, -21.3207, -3.7738

# 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.



80.2873, -15.2618, -15.5268



80.2855, 15.7422, 13.7714



80.2873, -24.9751, 4.7712

# Square

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



80.2873, 15.7390, 13.7727



80.2873, -14.5685, 20.5131



80.2873, -22.5265, -6.3277



80.2873, 6.5368, -16.0271



# Rectangle

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



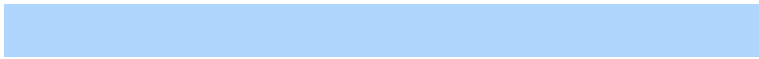
80.2855, 15.7422, 13.7714



80.2873, -0.0375, 22.1983



80.2873, -22.5265, -6.3277



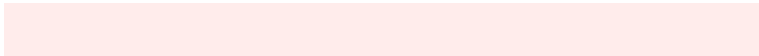
80.2873, -8.4523, -18.8019

# Sweetspot

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



80.2873, 15.7390, 13.7727



93.5443, 0.9984, 8.0346



80.6000, 29.1314, -16.1032



42.7279, 1.0257, 3.9445

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.2873, 15.7390, 13.7727



76.3963, 20.6491, 15.5796



89.6767, -1.1687, 23.0291



42.7279, 1.0257, 3.9445



33.9570, 54.9589, 21.8863



10.9976, 15.8460, 7.0541



# Inverse Universe

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



92.6908, -21.3207, -3.7738



91.3198, -24.1212, -5.5762



82.3629, -5.1715, -17.4435



44.9194, -5.4795, 0.8549



58.2094, -26.7770, -14.9527



18.3831, -8.6301, -4.3474



# Previews

## White Background



This preview shows how the HunterLab color 80.2855, 15.7422, 13.7714 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

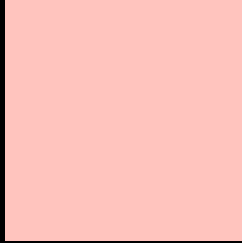
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.2855, 15.7422, 13.7714 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

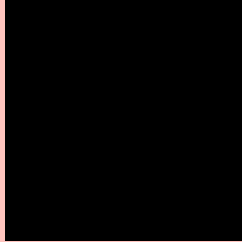
Any Text WCAG AA ✓ Pass

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 80.2855, 15.7422, 13.7714 Background



This preview shows how black text looks on a background with the HunterLab color 80.2855, 15.7422, 13.7714.



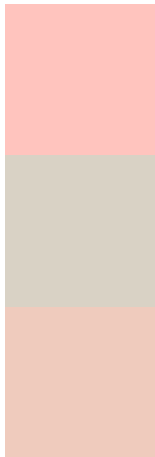
This preview shows how white text looks on a background with the HunterLab color 80.2855, 15.7422,

13.7714.

# 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

80.2855, 15.7422, 13.7714

### Protanopia

80.5457, -4.1312, 10.6761

### Deuteranopia

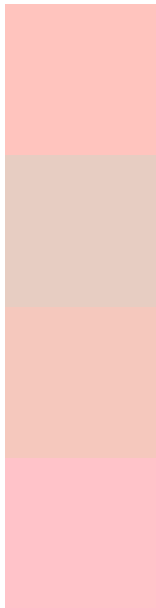
80.4591, 5.9245, 14.2051



## Tritanopia

80.2481, 19.5343, 5.7010

# Trichromacy



**Original Color**

80.2855, 15.7422, 13.7714

**Protanomaly**

80.3409, 2.7615, 11.8883

**Deuteranomaly**

80.2466, 9.7056, 14.0463

**Tritanomaly**

80.3164, 17.9026, 9.0120

# Monochromacy



**Original Color**

80.2855, 15.7422, 13.7714

**Achromatopsia**

81.5713, -4.3524, 4.4319

**Achromatomaly**

80.9490, 2.3917, 7.6185

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.2855, 15.7422, 13.7714 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, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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(255, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 190) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.2855, 15.7422, 13.7714 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, 196, 190) }
```



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

```
.border{ border-color:rgb(255, 196, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
190) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.2855, 15.7422, 13.7714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 190) }
```

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

```
.background{ background-color: rgb(255,  
196, 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](#).

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