

# Converting Colors

HunterLab(86.5268, 43.2511,  
32.8876)

Have a look what the booklet for  
HunterLab(86.5268, 43.2511,  
32.8876) contains.

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# Color

**HunterLab(77.4737, 14.9971,  
24.2695)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | FFBD9B                    |
| RGB         | 255, 189, 155             |
| RGB Percent | 100%, 74%, 61%            |
| CMY         | 0.0000, 0.2588, 0.3922    |
| CMYK        | 0.00, 0.26, 0.39, 0.00    |
| HSL         | 20°, 100%, 80%            |
| HSV         | 20°, 39%, 100%            |
| XYZ         | 65.3540, 60.0217, 39.1512 |
| YIQ         | 204.8580, 50.2500, 3.4180 |

# Conversions

## Conversions Part 2

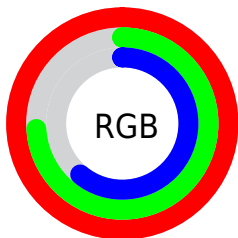
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 255, 207, 155                  |
| Decimal                             | 16760219                       |
| CIE Lab                             | 81.85, 19.54, 26.49            |
| CIE LCh                             | 82, 32.918, 53.580             |
| Yxy                                 | 60.0246, 0.3972,<br>0.3648     |
| Android<br>(android.graphics.Color) | 4294950299<br>(0xFFFFBD9B)     |
| YUV                                 | 204.8580, -24.5800,<br>43.9745 |
| Hunter-Lab                          | 77.4737, 14.9971,<br>24.2695   |

# Details

The HunterLab color **77.4737, 14.9971, 24.2695** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81.1782, -15.7963, -19.3534**, and the grayscale version is **78.1616, -4.1705, 4.2467**.

A 20% lighter version of the original color is **95.5081, -7.2966, 20.8729**, and **54.8299, 14.4998, 19.8777** is the 20% darker color. If you saturate the color by 10%, you get **72.4094, 21.2475, 27.8409**, and if you desaturate by 10%, it is **82.8487, 9.1952, 20.1184**.

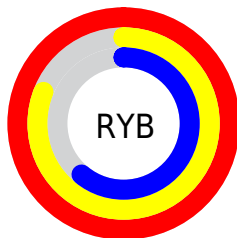
# Distribution



Red (100%)

Green (74%)

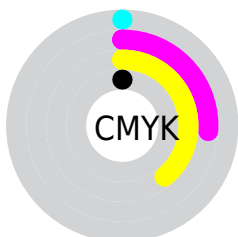
Blue (61%)



Red (100%)

Yellow (81%)

Blue (61%)

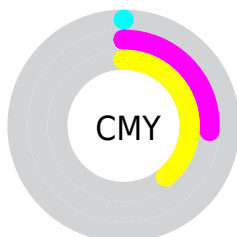


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.4737, 14.9971, 24.2695 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 77.4737, 14.9971, 24.2695 by changing the saturation by 10% instead.





 77.4737, 14.9971,  
24.2695


 77.4737, 14.9971,  
24.2695


206.0797, 14.9260,  
41.2625

 65.9079, 14.7020,  
22.2338


 102.4038, 15.3645,  
28.2046

 54.9812, 14.3292,  
20.1323


 115.7103, 15.4553,  
30.1211

 44.7356, 13.8654,  
17.9460

129.5480, 15.4894,  
32.0134

 35.2197, 13.2983,  
15.6468

143.8971, 15.4705,  
33.8866

 26.4946, 12.6116,  
13.1934

158.7400, 15.4020,  
35.7450

 18.6397, 11.7845,  
10.5602


174.0609, 15.2868,

 11.7649, 10.7930,


37.5919

8.2354


189.8452, 15.1274,  
39.4303

 4.5275, 18.5681,  
3.1692


0.0000, NaN, NaN


 77.4737, 14.9971,  
24.2695


 77.4737, 14.9971,  
24.2695


 72.4094, 21.2475,  
27.8409


 82.8487, 9.1952,  
20.1184

 67.6895, 27.9476,  
30.7273

 88.4941, 3.8366,  
15.4739

 63.3593, 35.0458,  
32.8219

 94.3820, -1.1108,  
10.4125

 59.4648, 42.4364,  
34.0264

100.0000, -5.3358,  
5.4332

■ 56.0507, 49.9364,  
34.2831

■ 53.1503, 57.2536,  
33.6892

■ 52.9435, 57.8030,  
33.6355

# Harmonies

## Analogous

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



77.4756, 26.1345, 15.0385



77.4737, 14.9971, 24.2695



77.4756, -0.6666, 28.0341

# Triad

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



77.4756, 14.9938, 24.2706



77.4756, -32.4110, 7.4199



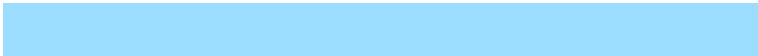
77.4756, 8.5619, -27.6995

# Complementary

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



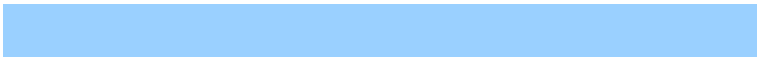
77.4737, 14.9971, 24.2695



81.1782, -15.7963, -19.3534

# 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.



77.4756, -7.5494, -30.8818



77.4737, 14.9971, 24.2695



77.4756, -30.3753, -8.4323

# Square

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



77.4756, 14.9938, 24.2706



77.4756, -27.3808, 19.6631



77.4756, -21.5765, -23.2341



77.4756, 22.2154, -15.2558



# Rectangle

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



77.4737, 14.9971, 24.2695



77.4756, -11.2328, 27.6194



77.4756, -21.5765, -23.2341



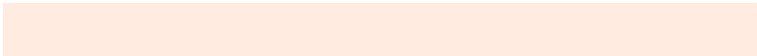
77.4756, 3.2216, -29.9800

# Sweetspot

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



77.4756, 14.9938, 24.2706



92.7195, 0.2277, 11.8601



70.6819, 43.2401, -13.4623



42.5382, 0.4006, 5.7967

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.4756, 14.9938, 24.2706



73.5032, 19.8230, 27.1053



92.1792, -10.6035, 36.6683



43.5851, -0.4502, 4.8875



38.5921, 40.8862, 24.4960

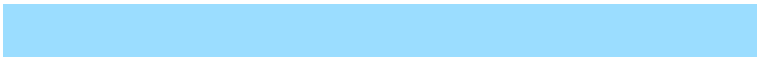


12.8189, 10.6932, 8.0861



# Inverse Universe

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



81.1782, -15.7963, -19.3534



77.8462, -16.5960, -24.3782



66.0057, 9.5841, -44.1416



44.0227, -4.0377, -0.2168



43.3004, -6.0260, -41.1134



14.2419, -3.0048, -11.3147



# Previews

## White Background



This preview shows how the HunterLab color 77.4737, 14.9971, 24.2695 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

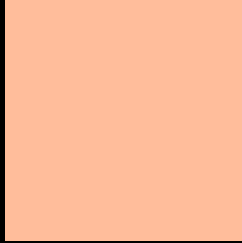
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.4737, 14.9971, 24.2695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

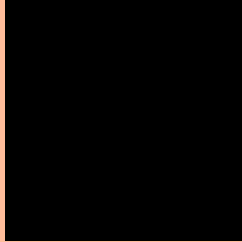
Any Text WCAG AA ✓ Pass

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 77.4737, 14.9971, 24.2695 Background



This preview shows how black text looks on a background with the HunterLab color 77.4737, 14.9971, 24.2695.



This preview shows how white text looks on a background with the HunterLab color 77.4737, 14.9971,

24.2695.

# 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

77.4737, 14.9971, 24.2695

### Protanopia

77.5063, -5.5308, 21.5136

### Deuteranopia

77.3877, 5.9250, 24.3673



## Tritanopia

77.4823, 22.8625, 7.2625

# Trichromacy



## Original Color

77.4737, 14.9971, 24.2695

## Protanomaly

77.3824, 1.6168, 22.5791

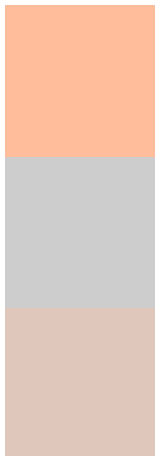
## Deuteranomaly

77.3857, 8.8750, 24.4171

## Tritanomaly

77.3015, 19.9945, 14.0387

# Monochromacy



## Original Color

77.4737, 14.9971, 24.2695

## Achromatopsia

78.1342, -4.1690, 4.2452

## Achromatomaly

77.5388, 2.0274, 11.8655

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.4737, 14.9971, 24.2695 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, 189, 155)` looks like.

```
.text, #text, p{  
  color:rgb(255, 189, 155)  
}
```

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, 189, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 155) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.4737, 14.9971, 24.2695 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, 189, 155) }
```



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

```
.border{ border-color:rgb(255, 189, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
155) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.4737, 14.9971, 24.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 155) }
```

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

```
.background{ background-color: rgb(255,  
189, 155) }
```

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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