

# Converting Colors

HunterLab(84.8856, 5.1041,  
22.9603)

Have a look what the booklet for  
HunterLab(84.8856, 5.1041,  
22.9603) contains.

<b>HunterLab(84.8898, 5.0892, 22.9801)</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(84.8898, 5.0892,  
22.9801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD5B2
RGB	255, 213, 178
RGB Percent	100%, 84%, 70%
CMY	0.0000, 0.1647, 0.3020
CMYK	0.00, 0.16, 0.30, 0.00
HSL	27°, 100%, 85%
HSV	27°, 30%, 100%
XYZ	73.0701, 72.0628, 52.1777
YIQ	221.5680, 36.2670, -1.9810

# Conversions

## Conversions Part 2

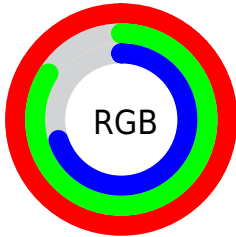
Format	Color
R <sub>Y</sub> B	255, 242, 178
Decimal	16766386
CIE Lab	88.00, 9.77, 22.80
CIE LCh	88, 24.805, 66.813
Yxy	72.0661, 0.3703, 0.3652
Android (android.graphics.Color)	4294956466 (0xFFFFD5B2)
YUV	221.5680, -21.4790, 29.3199
Hunter-Lab	84.8898, 5.0892, 22.9801

# Details

The HunterLab color **84.8898, 5.0892, 22.9801** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82.3828, -9.8281, -17.4964**, and the grayscale version is **85.3601, -4.5546, 4.6378**.

A 20% lighter version of the original color is **99.3582, -8.8632, 14.6183**, and **61.4855, 5.4900, 19.2740** is the 20% darker color. If you saturate the color by 10%, you get **80.2720, 9.3894, 27.5270**, and if you desaturate by 10%, it is **89.7144, 1.2263, 17.7561**.

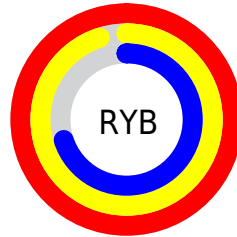
# Distribution



Red (100%)

Green (84%)

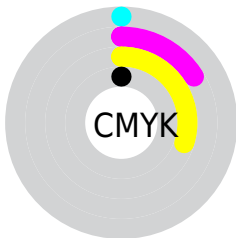
Blue (70%)



Red (100%)

Yellow (95%)

Blue (70%)

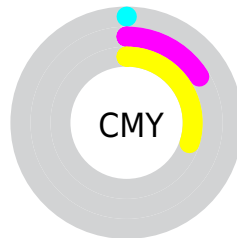


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.8898, 5.0892, 22.9801 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 84.8898, 5.0892, 22.9801 by changing the saturation by 10% instead.




 84.8898, 5.0892,  
22.9801

 84.8898, 5.0892,  
22.9801


216.2803, 1.4561,  
38.4238

 72.9470, 5.2709,  
21.1812


 110.5217, 4.5649,  
26.4959

 61.6219, 5.3992,  
19.3402


124.1573, 4.2358,  
28.2239

 50.9523, 5.4649,  
17.4446


138.3116, 3.8649,  
29.9387

 40.9814, 5.4604,  
15.4755

152.9663, 3.4545,  
31.6442

 31.7620, 5.3754,  
13.4053

168.1049, 3.0067,  
33.3433

 23.3613, 5.1960,  
11.1923

183.7123, 2.5233,

 15.8686, 4.9016,

35.0383

8.9571

199.7750, 2.0060,  
36.7312

■ 9.4111, 4.4599,  
6.5878

0.0000, INF, NaN

■ 84.8898, 5.0892,  
22.9801

■ 84.8898, 5.0892,  
22.9801

■ 80.2720, 9.3894,  
27.5270

■ 89.7144, 1.2263,  
17.7561

■ 75.8752, 14.1583,  
31.3116

■ 94.7216, -2.2184,  
11.9273

■ 71.7236, 19.4025,  
34.2510

99.8973, -5.2795,  
5.5625

■ 67.8407, 25.1127,  
36.2668

100.0000, -5.3358,  
5.4332

■ 64.2502, 31.2500,  
37.3005

■ 60.9748, 37.7340,  
37.3386

■ 58.0809, 44.2693,  
36.5642

# Harmonies

## Analogous

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



84.8917, 15.4673, 17.1502



84.8898, 5.0892, 22.9801



84.8917, -7.3516, 24.2437

# Triad

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



84.8917, 5.0861, 22.9813



84.8917, -26.9932, 1.8786



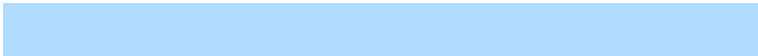
84.8917, 10.2718, -15.6784

# Complementary

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



84.8898, 5.0892, 22.9801



82.3828, -9.8281, -17.4964

# 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.



84.8917, -1.6795, -21.2057



84.8898, 5.0892, 22.9801



84.8917, -22.8397, -10.1676

# Square

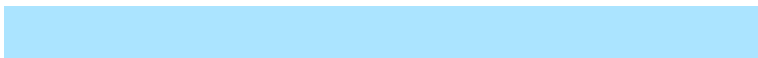
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8917, 5.0861, 22.9813



84.8917, -25.4123, 13.0969



84.8917, -13.7442, -19.0562



84.8917, 18.5796, -4.8307



# Rectangle

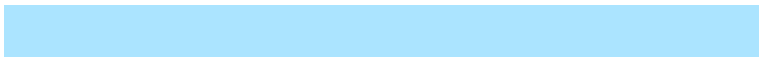
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.8898, 5.0892, 22.9801



84.8917, -15.0516, 22.5161



84.8917, -13.7442, -19.0562



84.8917, 6.5216, -18.2863

# Sweetspot

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



84.8917, 5.0861, 22.9813



95.3318, -2.6039, 11.1934



76.3462, 30.3501, -5.1972



43.7614, -0.9873, 5.5914

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.8917, 5.0861, 22.9813



82.1842, 7.5284, 25.7078



96.7278, -14.5931, 33.5297



43.9856, -1.1297, 5.3223



42.3277, 31.1540, 26.6275

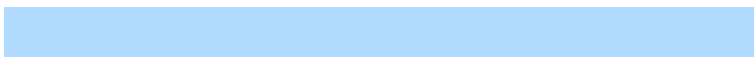


13.9981, 7.8552, 8.7631

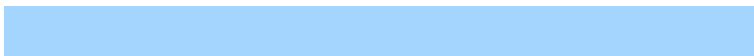


# Inverse Universe

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



82.3828, -9.8281, -17.4964



79.2151, -10.0575, -22.1751



70.7675, 10.1139, -35.4801



43.6116, -3.3673, -0.7155



37.0604, 4.5619, -56.1702

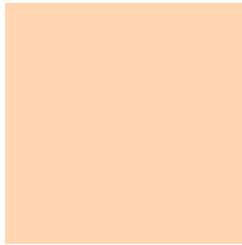


12.4732, -0.1824, -15.1967



# Previews

## White Background



This preview shows how the HunterLab color 84.8898, 5.0892, 22.9801 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

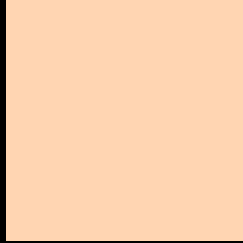
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.8898, 5.0892, 22.9801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

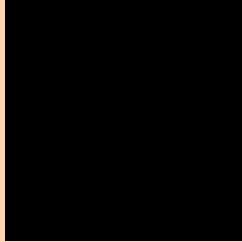
Any Text WCAG AA ✓ Pass

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 84.8898, 5.0892, 22.9801 Background



This preview shows how black text looks on a background with the HunterLab color 84.8898, 5.0892, 22.9801.



This preview shows how white text looks on a background with the HunterLab color 84.8898, 5.0892,



# 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

84.8898, 5.0892, 22.9801

### Protanopia

84.8859, -5.6250, 21.2965

### Deuteranopia

84.9616, 5.4739, 21.9417



## Tritanopia

84.9639, 13.8377, 3.8800

# Trichromacy



## Original Color

84.8898, 5.0892, 22.9801

## Protanomaly

84.7580, -1.3884, 21.6229

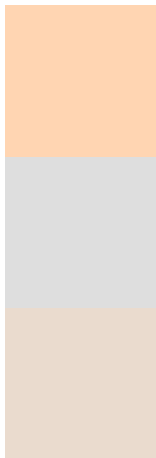
## Deuteranomaly

84.9375, 5.3448, 22.2902

## Tritanomaly

84.7692, 10.7389, 11.1341

# Monochromacy



## Original Color

84.8898, 5.0892, 22.9801

## Achromatopsia

85.4670, -4.5603, 4.6436

## Achromatomaly

85.2125, -1.6426, 11.8499

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.8898, 5.0892, 22.9801 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, 213, 178)` looks like.

```
.text, #text, p{  
  color:rgb(255, 213, 178)  
}
```

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, 213, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 178) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.8898, 5.0892, 22.9801 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, 213, 178) }
```



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

```
.border{ border-color:rgb(255, 213, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
178) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.8898, 5.0892, 22.9801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 178) }
```

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

```
.background{ background-color: rgb(255,  
213, 178) }
```

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