

# Converting Colors

HunterLab(87.9968, 5.3307,  
13.6297)

Have a look what the booklet for  
HunterLab(87.9968, 5.3307,  
13.6297) contains.

<b>HunterLab(88.0774, 5.1675, 13.7574)</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(88.0774, 5.1675,  
13.7574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDDD1
RGB	255, 221, 209
RGB Percent	100%, 87%, 82%
CMY	0.0000, 0.1333, 0.1804
CMYK	0.00, 0.13, 0.18, 0.00
HSL	16°, 100%, 91%
HSV	16°, 18%, 100%
XYZ	78.6050, 77.5763, 71.1524
YIQ	229.7980, 24.1160, 3.4760

# Conversions

## Conversions Part 2

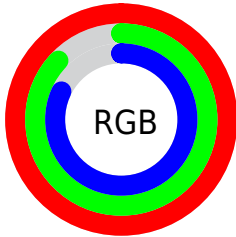
Format	Color
R <sub>Y</sub> B	255, 225, 209
Decimal	16768465
CIE Lab	90.59, 9.90, 10.21
CIE LCh	91, 14.224, 45.899
Yxy	77.5797, 0.3458, 0.3412
Android (android.graphics.Color)	4294958545 (0xFFFFDDD1)
YUV	229.7980, -10.2534, 22.1022
Hunter-Lab	88.0774, 5.1675, 13.7574

# Details

The HunterLab color **88.0774, 5.1675, 13.7574** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.1271, -13.2056, -4.3494**, and the grayscale version is **88.9041, -4.7437, 4.8303**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **64.5328, 5.5684, 11.3713** is the 20% darker color. If you saturate the color by 10%, you get **81.8636, 11.5465, 18.0011**, and if you desaturate by 10%, it is **94.5844, -0.8079, 9.2361**.

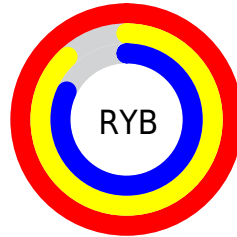
# Distribution



Red (100%)

Green (87%)

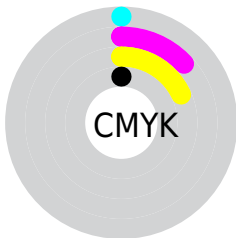
Blue (82%)



Red (100%)

Yellow (88%)

Blue (82%)

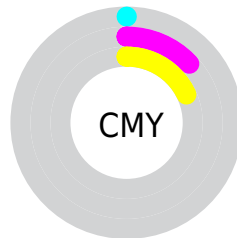


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.0774, 5.1675, 13.7574 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 88.0774, 5.1675, 13.7574 by changing the saturation by 10% instead.




 88.0774, 5.1675,  
13.7574

 88.0774, 5.1675,  
13.7574

220.6214, 1.4883,  
24.5016

 75.9794, 5.3573,  
12.6193


113.9989, 4.6299,  
16.0621

 64.4908, 5.4945,  
11.4849


127.7705, 4.2950,  
17.2293

 53.6478, 5.5705,  
10.3517


142.0560, 3.9187,  
18.4084

 43.4915, 5.5781,  
9.2145

156.8374, 3.5034,  
19.6000

 34.0719, 5.5078,  
8.0651

172.0987, 3.0510,  
20.8048

 25.4519, 5.3466,  
6.8905

187.8252, 2.5634,

 17.7140, 5.0758,

22.0231

5.6684

204.0035, 2.0420,  
23.2553

■ 10.9733, 4.6669,  
4.6441

■ 2.5508, 16.7739,  
1.7856

■ 88.0774, 5.1675,  
13.7574

■ 88.0774, 5.1675,  
13.7574

■ 81.8636, 11.5465,  
18.0011

■ 94.5844, -0.8079,  
9.2361

■ 75.9777, 18.3631,  
21.8951

100.0000, -5.3358,  
5.4332

■ 70.4695, 25.6173,  
25.3530

■ 65.3943, 33.2726,  
28.2663

■ 60.8143, 41.2289,  
30.5093

■ 56.7953, 49.2959,  
31.9541

■ 53.4005, 57.1719,  
32.5047

■ 50.6775, 64.4381,  
32.1873

■ 50.2204, 65.7340,  
32.0964

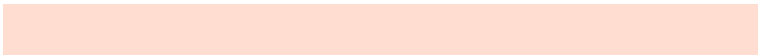
# Harmonies

## Analogous

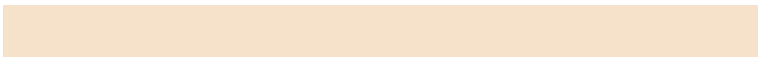
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0793, 9.0458, 8.3352



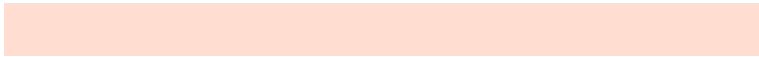
88.0774, 5.1675, 13.7574



88.0793, -1.2972, 16.6627

# Triad

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



88.0793, 5.1645, 13.7587



88.0793, -17.7658, 7.9509



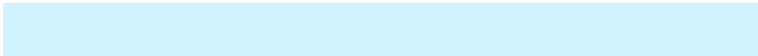
88.0793, -0.8698, -8.8727

# Complementary

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



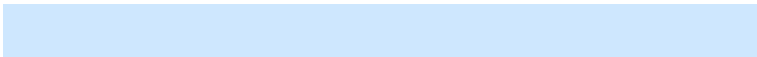
88.0774, 5.1675, 13.7574



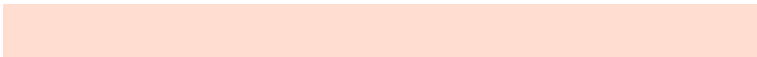
92.1271, -13.2056, -4.3494

# 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.



88.0793, -8.0606, -8.9966



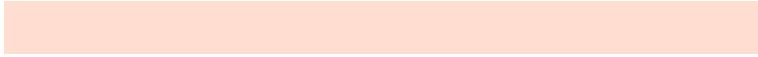
88.0774, 5.1675, 13.7574



88.0793, -17.6597, 1.1002

# Square

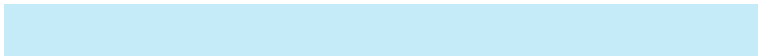
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0793, 5.1645, 13.7587



88.0793, -14.4517, 13.4970



88.0793, -14.1571, -5.2239

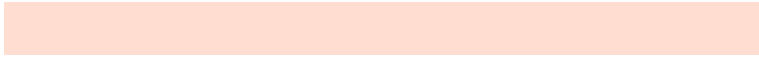


88.0793, 5.4861, -4.8981



# Rectangle

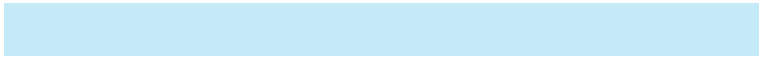
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0774, 5.1675, 13.7574



88.0793, -6.1263, 16.9427



88.0793, -14.1571, -5.2239



88.0793, -3.2734, -9.3763

# Sweetspot

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



88.0793, 5.1645, 13.7587



96.6129, -2.5467, 7.8146



85.6522, 17.4424, -5.8867



44.4796, -0.9936, 3.7683

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.0793, 5.1645, 13.7587



85.5803, 7.6420, 15.4762



95.0077, -6.6610, 20.7821



43.3101, 0.0201, 4.5869



36.5821, 46.6745, 23.3588

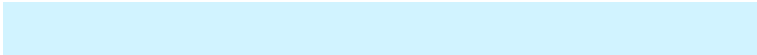


12.1300, 12.5154, 7.6935

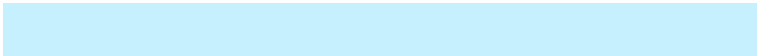


# Inverse Universe

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



92.1271, -13.2056, -4.3494



90.4877, -14.6611, -6.4881



84.9855, -1.5529, -13.6624



44.3079, -4.4992, 0.1263



47.8772, -12.9239, -31.9433

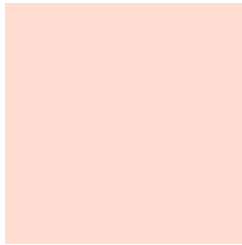


15.5222, -4.8620, -8.9057



# Previews

## White Background



This preview shows how the HunterLab color 88.0774, 5.1675, 13.7574 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

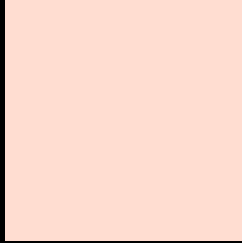
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.0774, 5.1675, 13.7574 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

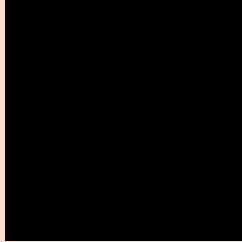
Any Text WCAG AA ✓ Pass

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 88.0774, 5.1675, 13.7574 Background



This preview shows how black text looks on a background with the HunterLab color 88.0774, 5.1675, 13.7574.



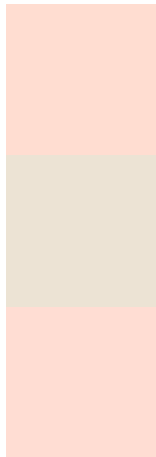
This preview shows how white text looks on a background with the HunterLab color 88.0774, 5.1675,

13.7574.

# 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

88.0774, 5.1675, 13.7574

### Protanopia

88.0480, -4.1754, 12.2384

### Deuteranopia

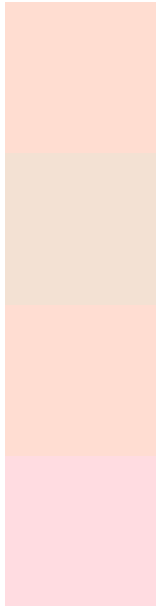
88.1340, 5.4711, 12.9448



## Tritanopia

88.2403, 10.2884, 2.2502

# Trichromacy



## Original Color

88.0774, 5.1675, 13.7574

## Protanomaly

88.0956, -0.8942, 12.7916

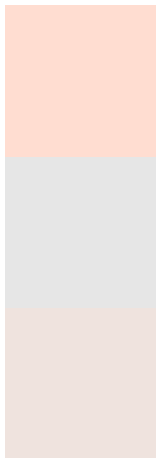
## Deuteranomaly

88.1056, 5.3189, 13.3523

## Tritanomaly

88.2511, 8.2286, 6.6666

# Monochromacy



## Original Color

88.0774, 5.1675, 13.7574

## Achromatopsia

88.9549, -4.7464, 4.8331

## Achromatomaly

88.6357, -1.5544, 8.3626

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.0774, 5.1675, 13.7574 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, 221, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 209)  
}
```

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, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.0774, 5.1675, 13.7574 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, 221, 209) }
```



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

```
.border{ border-color:rgb(255, 221, 209) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.0774, 5.1675, 13.7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 209) }
```

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

```
.background{ background-color: rgb(255,  
221, 209) }
```

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