

Converting Colors

HunterLab(87.1873, 3.7916,
7.5969)

Have a look what the booklet for
HunterLab(87.1873, 3.7916, 7.5969)
contains.

HunterLab(87.0438, 3.8698, 7.5828)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(87.0438, 3.8698,
7.5828)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DCDC
RGB	245, 220, 220
RGB Percent	96%, 86%, 86%
CMY	0.0392, 0.1372, 0.1372
CMYK	0.00, 0.10, 0.10, 0.04
HSL	0°, 56%, 91%
HSV	0°, 10%, 96%
XYZ	76.1677, 75.7662, 78.3201
YIQ	227.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

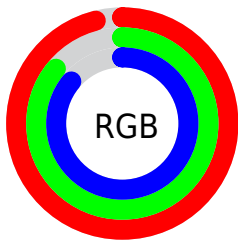
Format	Color
R _Y B	245, 220, 220
Decimal	16112860
CIE Lab	89.75, 8.60, 3.13
CIE LCh	90, 9.152, 20.011
Yxy	75.7696, 0.3308, 0.3291
Android (android.graphics.Color)	4294302940 (0xFFF5DCDC)
YUV	227.4750, -3.6852, 15.3694
Hunter-Lab	87.0438, 3.8698, 7.5828

Details

The HunterLab color $87.0438, 3.8698, 7.5828$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93.3335, -12.9182, 2.4083$, and the grayscale version is $87.8642, -4.6882, 4.7738$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.5969, 4.4355, 6.0792$ is the 20% darker color. If you saturate the color by 10%, you get $79.1421, 13.0516, 10.0934$, and if you desaturate by 10%, it is $95.3827, -4.9234, 5.2380$.

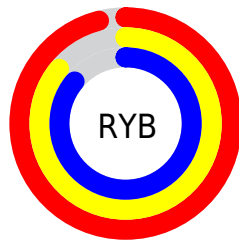
Distribution



Red (96%)

Green (86%)

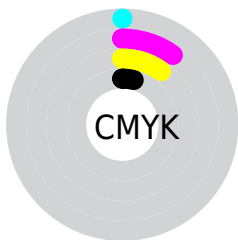
Blue (86%)



Red (96%)

Yellow (86%)

Blue (86%)

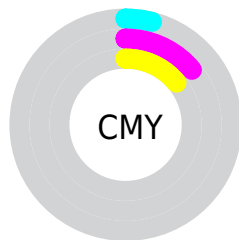


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0438, 3.8698, 7.5828 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 87.0438, 3.8698, 7.5828 by changing the saturation by 10% instead.

87.0438, 3.8698,
7.5828

87.0438, 3.8698,
7.5828

219.2165, -0.2212,
15.8356

74.9957, 4.1141,
6.7855

112.8721, 3.2307,
9.2560

63.5596, 4.3078,
6.0123

126.6000, 2.8474,
10.1281

52.7723, 4.4430,
5.2649

140.8432, 2.4243,
11.0236

42.6755, 4.5129,
4.5436

155.5838, 1.9636,
11.9420

33.3201, 4.5086,
3.8484

170.8056, 1.4671,
12.8829

24.7703, 4.4176,
3.1782

186.4938, 0.9365,

17.1107, 4.2219,

13.8457

2.5309

202.6348, 0.3733,
14.8301

■ 10.4601, 3.8934,
1.8999

0.0000, INF, NaN

■ 87.0438, 3.8698,
7.5828

■ 87.0438, 3.8698,
7.5828

■ 79.1421, 13.0516,
10.0934

■ 95.3827, -4.9234,
5.2380

■ 71.7524, 22.6341,
12.7729

■ 99.0720, -8.5790,
4.2792

■ 64.9781, 32.5509,
15.6084

■ 58.9426, 42.6110,
18.5449

■ 53.7885, 52.4211,
21.4605

■ 49.6616, 61.3354,
24.1494

■ 46.6777, 68.5221,
26.3411

■ 44.8703, 73.2380,
27.7891

■ 44.0608, 75.4503,
28.4710

Harmonies

Analogous

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



87.0457, 4.2852, 3.2576



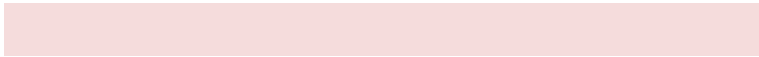
87.0438, 3.8698, 7.5828



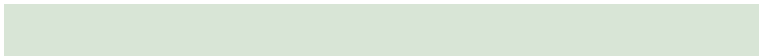
87.0457, 1.1411, 10.9749

Triad

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



87.0457, 3.8673, 7.5842



87.0457, -11.3599, 10.0023



87.0457, -6.1867, -4.0138

Complementary

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



87.0438, 3.8698, 7.5828



93.3335, -12.9182, 2.4083

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.



87.0457, -10.2920, -1.9973



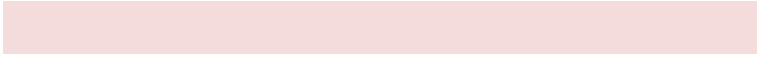
87.0438, 3.8698, 7.5828



87.0457, -13.2372, 6.1931

Square

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



87.0457, 3.8673, 7.5842



87.0457, -7.6722, 12.3197



87.0457, -12.8504, 1.7926



87.0457, -1.5844, -3.5933

Rectangle

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



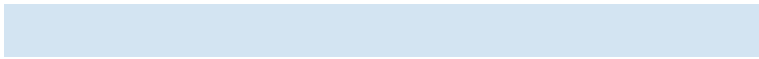
87.0438, 3.8698, 7.5828



87.0457, -1.5877, 12.3207



87.0457, -12.8504, 1.7926



87.0457, -7.6690, -3.5946

Sweetspot

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



87.0457, 3.8673, 7.5842



97.3312, -2.6138, 6.1534



87.8593, 8.2338, -4.0138



44.7027, -0.8700, 2.9370

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0457, 3.8673, 7.5842



89.5505, 5.7667, 8.4021



90.8713, -2.7183, 11.7679



40.5992, 1.4933, 3.4332



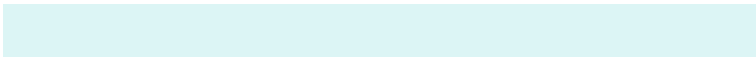
32.3397, 55.3774, 20.8971



9.5883, 16.4146, 6.1957

Inverse Universe

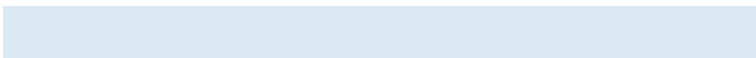
The Inverse Universe completely reimagines the original color for something new.



93.3335, -12.9182, 2.4083



97.2872, -14.8969, 2.0301



89.3333, -6.4827, -2.4013



43.3097, -5.7413, 1.2024



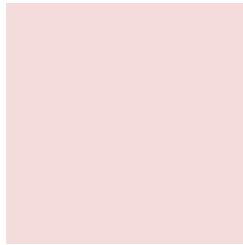
62.2249, -32.9816, -6.5778



18.4478, -9.7783, -1.9495

Previews

White Background



This preview shows how the HunterLab color 87.0438, 3.8698, 7.5828 looks on a white background.

Color Contrast Check

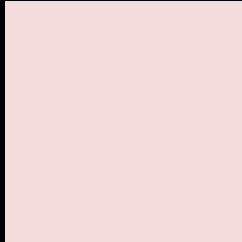
Large Text (above 18pt) WCAG AA × Fail

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 87.0438, 3.8698, 7.5828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

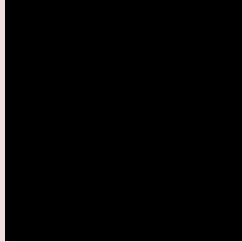
Any Text WCAG AA ✓ Pass

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 87.0438, 3.8698, 7.5828 Background



This preview shows how black text looks on a background with the HunterLab color 87.0438, 3.8698, 7.5828.



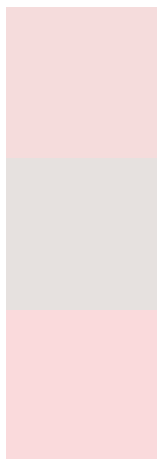
This preview shows how white text looks on a background with the HunterLab color 87.0438, 3.8698,

7.5828.

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

87.0438, 3.8698, 7.5828

Protanopia

87.1786, -3.3442, 6.1815

Deuteranopia

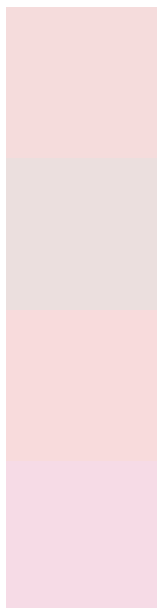
86.9679, 6.6971, 7.5453



Tritanopia

87.1293, 8.1906, 0.3479

Trichromacy



Original Color

87.0438, 3.8698, 7.5828

Protanomaly

87.0123, -0.8072, 6.5129

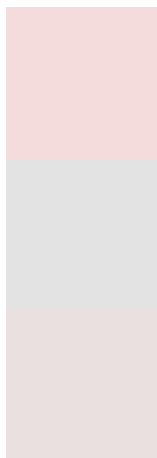
Deuteranomaly

87.0556, 5.4549, 7.6242

Tritanomaly

87.1602, 6.4327, 2.8955

Monochromacy



Original Color

87.0438, 3.8698, 7.5828

Achromatopsia

87.6442, -4.6765, 4.7619

Achromatomaly

87.2843, -1.3289, 5.8578

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0438, 3.8698, 7.5828 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(245, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(245, 220, 220)  
}
```

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(245, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0438, 3.8698, 7.5828 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(245, 220, 220) }
```


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

```
.border{ border-color:rgb(245, 220, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0438, 3.8698, 7.5828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 220, 220) }
```

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

```
.background{ background-color: rgb(245,  
220, 220) }
```

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