

Converting Colors

HunterLab(89.8356, 13.1818,
15.4405)

Have a look what the booklet for
HunterLab(89.8356, 13.1818,
15.4405) contains.

HunterLab(87.8063, 5.8512, 13.0373)	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(87.8063, 5.8512,
13.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD2
RGB	255, 220, 210
RGB Percent	100%, 86%, 82%
CMY	0.0000, 0.1372, 0.1765
CMYK	0.00, 0.14, 0.18, 0.00
HSL	13°, 100%, 91%
HSV	13°, 18%, 100%
XYZ	78.4660, 77.0995, 71.7188
YIQ	229.3250, 24.0700, 4.3100

Conversions

Conversions Part 2

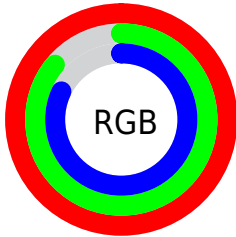
Format	Color
R _Y B	255, 223, 210
Decimal	16768210
CIE Lab	90.37, 10.57, 9.38
CIE LCh	90, 14.127, 41.593
Yxy	77.1028, 0.3452, 0.3392
Android (android.graphics.Color)	4294958290 (0xFFFFD0D2)
YUV	229.3250, -9.5272, 22.5170
Hunter-Lab	87.8063, 5.8512, 13.0373

Details

The HunterLab color $87.8063, 5.8512, 13.0373$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.8568, -13.9434, -3.4341$, and the grayscale version is $88.6942, -4.7325, 4.8189$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.2778, 6.2160, 10.7046$ is the 20% darker color. If you saturate the color by 10%, you get $81.3214, 12.7406, 17.0696$, and if you desaturate by 10%, it is $94.6104, -0.6341, 8.7940$.

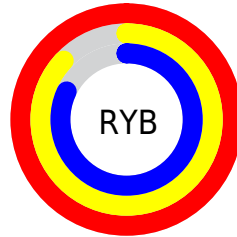
Distribution



Red (100%)

Green (86%)

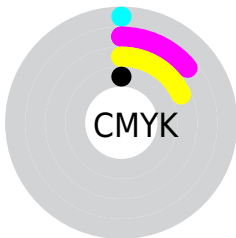
Blue (82%)



Red (100%)

Yellow (87%)

Blue (82%)

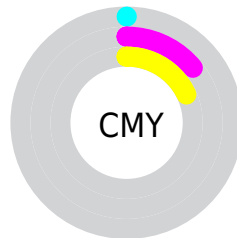


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.8063, 5.8512, 13.0373 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 87.8063, 5.8512, 13.0373 by changing the saturation by 10% instead.

 87.8063, 5.8512,
13.0373

 87.8063, 5.8512,
13.0373


220.2531, 2.4048,
23.4802

 75.7214, 6.0100,
11.9405

113.7034, 5.3716,
15.2655

 64.2465, 6.1148,
10.8500


127.4636, 5.0641,
16.3970

 53.4180, 6.1566,
9.7637


141.7380, 4.7143,
17.5417

 43.2773, 6.1279,
8.6772

156.5088, 4.3245,
18.7003

 33.8745, 6.0188,
7.5831

171.7597, 3.8970,
19.8732

 25.2728, 5.8158,
6.4700

187.4762, 3.4335,

 17.5553, 5.4995,

21.0607

5.3179

203.6448, 2.9356,
22.2630

■ 10.8381, 5.0404,
4.3359

■ 2.0209, 22.6732,
1.4146

■ 87.8063, 5.8512,
13.0373

■ 87.8063, 5.8512,
13.0373

■ 81.3214, 12.7406,
17.0696

■ 94.6104, -0.6341,
8.7940

■ 75.1966, 20.0646,
20.8241

100.0000, -5.3358,
5.4332

■ 69.4894, 27.8135,
24.2173

■ 64.2646, 35.9296,
27.1390

■ 59.5953, 44.2755,
29.4558

■ 55.5583, 52.6022,
31.0245

■ 52.2255, 60.5320,
31.7295

■ 49.6481, 67.5734,
31.5701

■ 49.1489, 69.0249,
31.4937

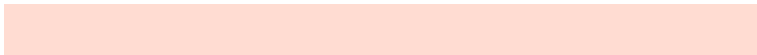
Harmonies

Analogous

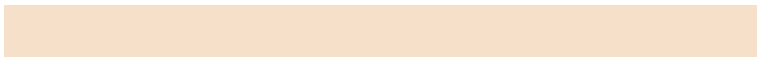
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8082, 9.2113, 7.3716



87.8063, 5.8512, 13.0373



87.8082, -0.2991, 16.3229

Triad

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



87.8082, 5.8482, 13.0386



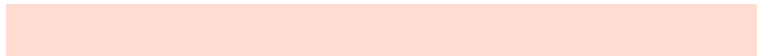
87.8082, -17.3779, 8.8164



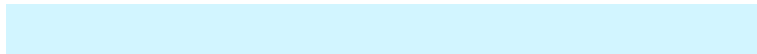
87.8082, -1.9055, -9.0456

Complementary

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



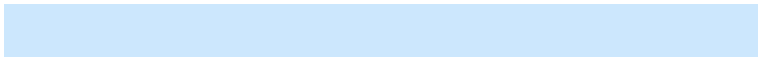
87.8063, 5.8512, 13.0373



92.8568, -13.9434, -3.4341

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.



87.8082, -8.9962, -8.5805



87.8063, 5.8512, 13.0373



87.8082, -17.7768, 2.1062

Square

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



87.8082, 5.8482, 13.0386



87.8082, -13.6457, 14.0232



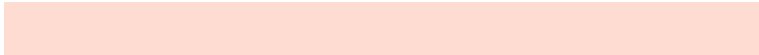
87.8082, -14.7534, -4.3687



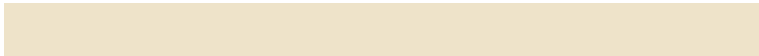
87.8082, 4.6398, -5.5927

Rectangle

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



87.8063, 5.8512, 13.0373



87.8082, -5.0724, 16.8919



87.8082, -14.7534, -4.3687



87.8082, -4.3068, -9.3493

Sweetspot

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



87.8082, 5.8482, 13.0386



96.4582, -2.2853, 7.6410



86.0010, 17.2169, -6.3989



44.3981, -0.8556, 3.6772

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

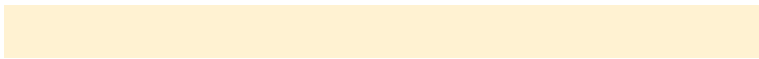
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8082, 5.8482, 13.0386



85.5955, 8.1124, 14.4169



94.6397, -5.8671, 20.0149



43.1762, 0.2502, 4.4398



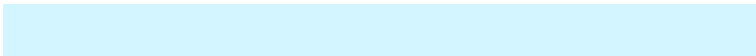
35.7798, 49.1124, 22.9071



11.8338, 13.3429, 7.5255

Inverse Universe

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



92.8568, -13.9434, -3.4341



91.5738, -15.3521, -5.0958



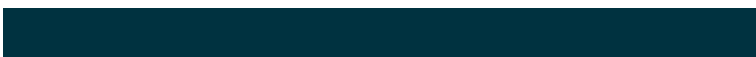
85.7696, -2.4388, -12.5914



44.4476, -4.7243, 0.2937



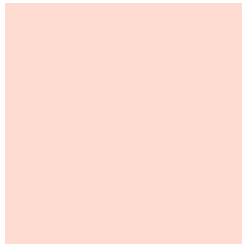
50.1815, -16.1917, -27.7693



16.1631, -5.7467, -7.7971

Previews

White Background



This preview shows how the HunterLab color 87.8063, 5.8512, 13.0373 looks on a white background.

Color Contrast Check

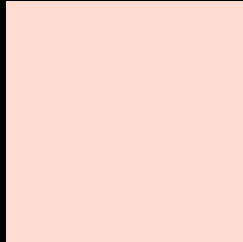
Large Text (above 18pt) WCAG AA × Fail

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 87.8063, 5.8512, 13.0373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

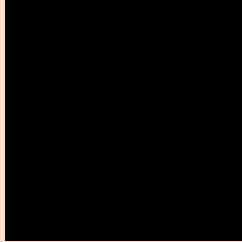
Any Text WCAG AA ✓ Pass

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 87.8063, 5.8512, 13.0373 Background



This preview shows how black text looks on a background with the HunterLab color 87.8063, 5.8512, 13.0373.

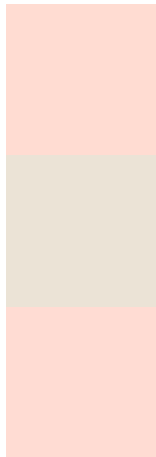


This preview shows how white text looks on a background with the HunterLab color 87.8063, 5.8512,

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

87.8063, 5.8512, 13.0373

Protanopia

88.0087, -4.1964, 11.2985

Deuteranopia

87.8348, 6.0037, 12.6285



Tritanopia

87.9125, 10.6573, 2.3662

Trichromacy



Original Color

87.8063, 5.8512, 13.0373

Protanomaly

87.7455, -0.4051, 11.5251

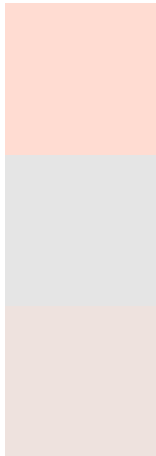
Deuteranomaly

87.8348, 6.0037, 12.6285

Tritanomaly

87.9541, 8.7667, 6.3313

Monochromacy



Original Color

87.8063, 5.8512, 13.0373

Achromatopsia

88.5177, -4.7231, 4.8093

Achromatomaly

88.2291, -1.3684, 7.9023

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8063, 5.8512, 13.0373 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, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 210)  
}
```

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, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8063, 5.8512, 13.0373 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, 220, 210) }
```


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

```
.border{ border-color:rgb(255, 220, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8063, 5.8512, 13.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 210) }
```

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

```
.background{ background-color: rgb(255,  
220, 210) }
```

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