

Converting Colors

HunterLab(87.0898, -1.8105,
4.1574)

Have a look what the booklet for
HunterLab(87.0898, -1.8105, 4.1574)
contains.

HunterLab(87.0898, -1.8105, 4.1574)	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(87.0898, -1.8105,
4.1574)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E0E3
RGB	231, 224, 227
RGB Percent	91%, 88%, 89%
CMY	0.0941, 0.1215, 0.1098
CMYK	0.00, 0.03, 0.02, 0.09
HSL	334°, 13%, 89%
HSV	334°, 3%, 91%
XYZ	73.4758, 75.8463, 83.4403
YIQ	226.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

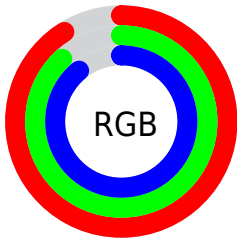
Format	Color
R _Y B	231, 224, 227
Decimal	15196387
CIE Lab	89.79, 2.90, -0.63
CIE LCh	90, 2.969, 347.808
Yxy	75.8496, 0.3157, 0.3259
Android (android.graphics.Color)	4293386467 (0xFFE7E0E3)
YUV	226.4350, 0.2785, 4.0035
Hunter-Lab	87.0898, -1.8105, 4.1574

Details

The HunterLab color $87.0898, -1.8105, 4.1574$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88.6581, -7.5269, 5.4109$, and the grayscale version is $87.3973, -4.6633, 4.7485$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.6148, -1.0141, 2.8051$ is the 20% darker color. If you saturate the color by 10%, you get $79.7264, 8.0933, 2.0600$, and if you desaturate by 10%, it is $94.8046, -11.5020, 6.5589$.

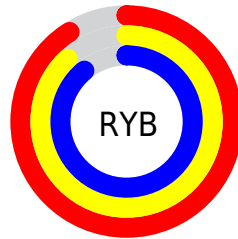
Distribution



Red (91%)

Green (88%)

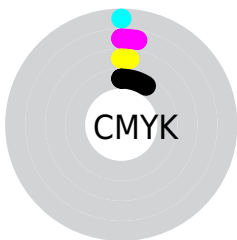
Blue (89%)



Red (91%)

Yellow (88%)

Blue (89%)

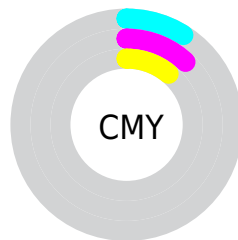


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0898, -1.8105, 4.1574 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 87.0898, -1.8105, 4.1574 by changing the saturation by 10% instead.

87.0898, -1.8105,
4.1574

87.0898, -1.8105,
4.1574

219.2790, -7.8609,
11.1457

75.0395, -1.3046,
3.5308

112.9222, -2.9386,
5.5126

63.6010, -0.8366,
2.9376

126.6520, -3.5526,
6.2353

52.8112, -0.4117,
2.3815

140.8972, -4.1985,
6.9870

42.7118, -0.0338,
1.8651

155.6396, -4.8747,
7.7666

33.3535, 0.2920,
1.3917

170.8632, -5.5801,
8.5731

24.8006, 0.5588,
0.9655

186.5530, -6.3135,

17.1374, 0.7566,

9.4056

0.5922

202.6958, -7.0741,
10.2634

■ 10.4828, 0.8696,
0.2803

0.0000, INF, -NF

■ 87.0898, -1.8105,
4.1574

■ 87.0898, -1.8105,
4.1574

■ 79.7264, 8.0933,
2.0600

■ 94.8046, -11.5020,
6.5589

■ 72.7669, 18.1999,
0.3402

■ 97.7893, -13.2175,
3.4721

■ 66.2857, 28.4415,
-0.9001

■ 97.8413, -12.9288,
2.7325

■ 60.3718, 38.6653,
-1.5359

■ 55.1299, 48.5809,
-1.4241

■ 50.6760, 57.7145,
-0.4254

■ 47.1214, 65.4104,
1.5483

■ 44.5450, 70.9532,
4.4663

■ 42.9517, 73.8476,
8.1227

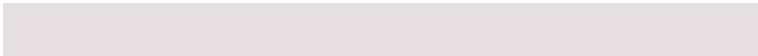
Harmonies

Analogous

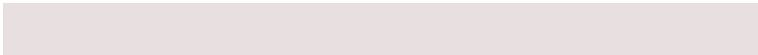
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0917, -2.5030, 2.8765



87.0898, -1.8105, 4.1574



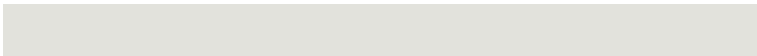
87.0917, -1.8867, 5.5761

Triad

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



87.0917, -1.8126, 4.1588



87.0917, -5.5326, 7.3143



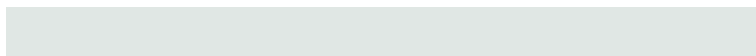
87.0917, -6.5816, 2.6819

Complementary

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



87.0898, -1.8105, 4.1574



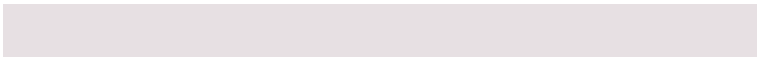
88.6581, -7.5269, 5.4109

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.



87.0917, -7.3825, 3.8968



87.0898, -1.8105, 4.1574



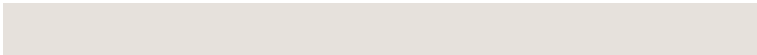
87.0917, -6.7797, 6.5645

Square

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



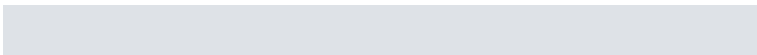
87.0917, -1.8126, 4.1588



87.0917, -4.0413, 7.3817



87.0917, -7.4548, 5.3185



87.0917, -5.2603, 2.0141

Rectangle

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



87.0898, -1.8105, 4.1574



87.0917, -2.3597, 6.4069



87.0917, -7.4548, 5.3185



87.0917, -6.9202, 3.0407

Sweetspot

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



87.0917, -1.8126, 4.1588



99.1414, -4.2400, 5.1707



86.9327, -2.1039, 1.9682



45.8870, -1.9868, 2.3982

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0917, -1.8126, 4.1588



96.5888, -0.9380, 4.4028



87.1416, -2.5692, 5.6670



39.6559, -0.0676, 1.7465



31.7053, 55.9616, 7.5779



8.7242, 15.5975, 0.5447

Inverse Universe

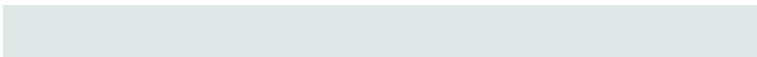
The Inverse Universe completely reimagines the original color for something new.



87.0917, -1.8126, 4.1588



96.5888, -0.9380, 4.4028



88.6057, -6.7651, 3.8911



39.6559, -0.0676, 1.7465



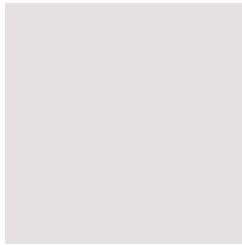
31.7053, 55.9616, 7.5779



8.7242, 15.5975, 0.5447

Previews

White Background



This preview shows how the HunterLab color 87.0898, -1.8105, 4.1574 looks on a white background.

Color Contrast Check

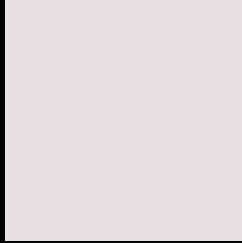
Large Text (above 18pt) WCAG AA × Fail

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 87.0898, -1.8105, 4.1574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

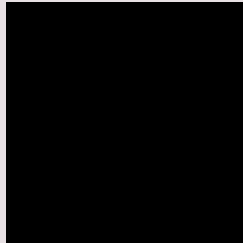
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

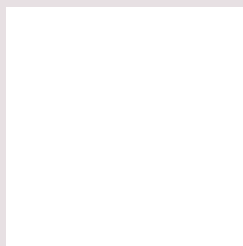
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.0898, -1.8105, 4.1574 Background



This preview shows how black text looks on a background with the HunterLab color 87.0898, -1.8105, 4.1574.



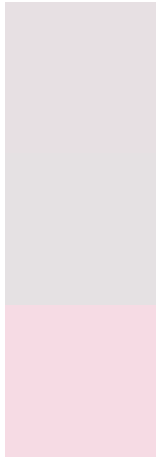
This preview shows how white text looks on a background with the HunterLab color 87.0898, -1.8105,

4.1574.

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

87.0898, -1.8105, 4.1574

Protanopia

87.2092, -2.9879, 4.2782

Deuteranopia

87.0961, 6.0894, 3.8092



Tritanopia

87.0962, 2.2209, -2.4119

Trichromacy



Original Color

87.0898, -1.8105, 4.1574

Protanomaly

87.3038, -2.6610, 4.3956

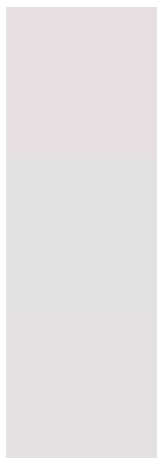
Deuteranomaly

87.1866, 3.2984, 3.8680

Tritanomaly

87.1374, 0.4533, 0.2225

Monochromacy



Original Color

87.0898, -1.8105, 4.1574

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

87.0835, -3.4863, 4.6119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0898, -1.8105, 4.1574 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(231, 224, 227)` looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 227)  
}
```

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(231, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0898, -1.8105, 4.1574 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(231, 224, 227) }
```


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

```
.border{ border-color:rgb(231, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 224,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0898, -1.8105, 4.1574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 224, 227) }
```

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

```
.background{ background-color: rgb(231,  
224, 227) }
```

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