

Converting Colors

HunterLab(87.6239, -0.1878,
4.3259)

Have a look what the booklet for
HunterLab(87.6239, -0.1878, 4.3259)
contains.

HunterLab(87.6046, 0.0214, 4.3063)	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(87.6046, 0.0214,
4.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0E4
RGB	236, 224, 228
RGB Percent	93%, 88%, 89%
CMY	0.0745, 0.1215, 0.1059
CMYK	0.00, 0.05, 0.03, 0.07
HSL	340°, 24%, 90%
HSV	340°, 5%, 93%
XYZ	75.2513, 76.7457, 84.2460
YIQ	228.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

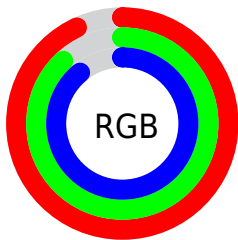
Format	Color
R_{YB}	236, 224, 228
Decimal	15524068
CIE Lab	90.21, 4.77, -0.50
CIE LCh	90, 4.799, 354.067
Yxy	76.7490, 0.3185, 0.3249
Android (android.graphics.Color)	4293714148 (0xFFECE0E4)
YUV	228.0440, -0.0217, 6.9774
Hunter-Lab	87.6046, 0.0214, 4.3063

Details

The HunterLab color $87.6046, 0.0214, 4.3063$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90.3695, -9.4036, 5.4298$, and the grayscale version is $88.1000, -4.7008, 4.7866$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.1064, 0.7313, 2.9501$ is the 20% darker color. If you saturate the color by 10%, you get $80.0603, 9.8502, 3.2485$, and if you desaturate by 10%, it is $95.5205, -9.5753, 5.6951$.

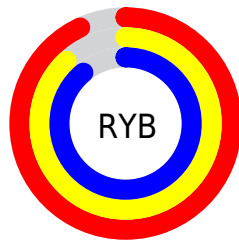
Distribution



Red (93%)

Green (88%)

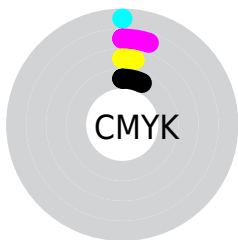
Blue (89%)



Red (93%)

Yellow (88%)

Blue (89%)

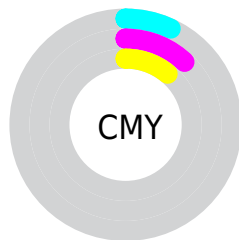


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6046, 0.0214, 4.3063 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 87.6046, 0.0214, 4.3063 by changing the saturation by 10% instead.

87.6046, 0.0214,
4.3063

87.6046, 0.0214,
4.3063

219.9790, -5.3937,
11.3484

75.5294, 0.4424,
3.6725

113.4835, -0.9481,
5.6750

64.0647, 0.8214,
3.0717

127.2352, -1.4872,
6.4041

53.2472, 1.1521,
2.5075

141.5014, -2.0608,
7.1619

43.1180, 1.4299,
1.9825

156.2642, -2.6672,
7.9474

33.7277, 1.6482,
1.4998

171.5074, -3.3049,
8.7596

25.1397, 1.7982,
1.0633

187.2164, -3.9726,

17.4375, 1.8673,

9.5976

0.6786

203.3777, -4.6693,
10.4608

■ 10.7377, 1.8351,
0.3536

■ 1.5100, 13.6950,
-1.2797

■ 87.6046, 0.0214,
4.3063

■ 87.6046, 0.0214,
4.3063

■ 80.0603, 9.8502,
3.2485

■ 95.5205, -9.5753,
5.6951

■ 72.9452, 19.9022,
2.5941

■ 98.2716, -11.4015,
3.2754

■ 66.3402, 30.1049,
2.4386

■ 60.3422, 40.2916,
2.8896

■ 55.0654, 50.1446,
4.0549

■ 50.6341, 59.1475,
6.0104

■ 47.1646, 66.6003,
8.7492

■ 44.7307, 71.7754,
12.1261

■ 43.3176, 74.2431,
15.8393

Harmonies

Analogous

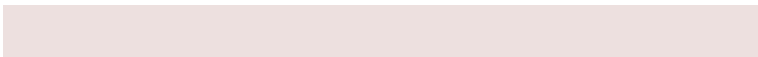
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6065, -0.8618, 2.1187



87.6046, 0.0214, 4.3063



87.6065, -0.3698, 6.5628

Triad

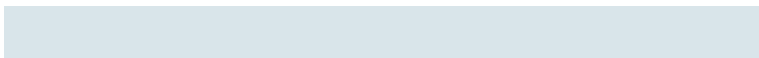
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6065, 0.0192, 4.3077



87.6065, -6.5774, 8.7326



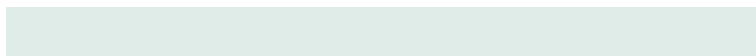
87.6065, -7.4056, 1.0910

Complementary

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



87.6046, 0.0214, 4.3063



90.3695, -9.4036, 5.4298

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.



87.6065, -8.9068, 2.9357



87.6046, 0.0214, 4.3063



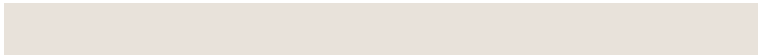
87.6065, -8.4323, 7.3384

Square

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



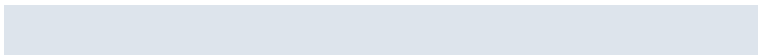
87.6065, 0.0192, 4.3077



87.6065, -4.1954, 9.0775



87.6065, -9.2805, 5.2271



87.6065, -5.1618, 0.2292

Rectangle

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



87.6046, 0.0214, 4.3063



87.6065, -1.2949, 7.8055



87.6065, -9.2805, 5.2271



87.6065, -8.0128, 1.6191

Sweetspot

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



87.6065, 0.0192, 4.3077



98.2710, -3.2272, 5.1344



87.4796, 0.1041, 0.1209



45.5041, -1.5415, 2.3821

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

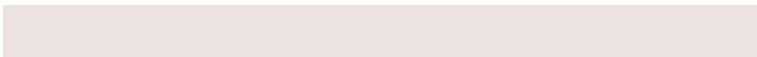
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6065, 0.0192, 4.3077



94.8598, 1.0213, 4.5780



88.0969, -1.7087, 6.7910



39.9061, 0.7013, 1.9032



31.8737, 55.6185, 12.5822



9.0278, 15.9383, 2.1291

Inverse Universe

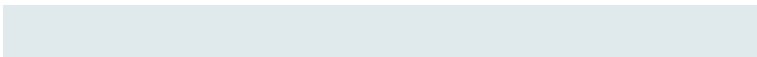
The Inverse Universe completely reimagines the original color for something new.



87.6065, 0.0192, 4.3077



94.8598, 1.0213, 4.5780



89.8617, -7.6709, 2.8784



39.9061, 0.7013, 1.9032



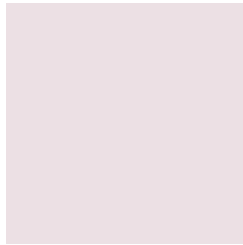
31.8737, 55.6185, 12.5822



9.0278, 15.9383, 2.1291

Previews

White Background



This preview shows how the HunterLab color 87.6046, 0.0214, 4.3063 looks on a white background.

Color Contrast Check

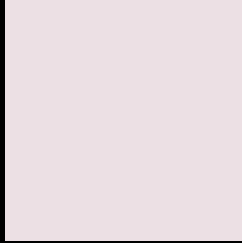
Large Text (above 18pt) WCAG AA × Fail

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 87.6046, 0.0214, 4.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

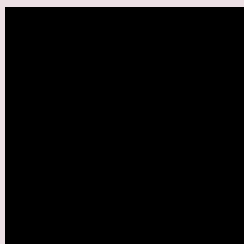
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

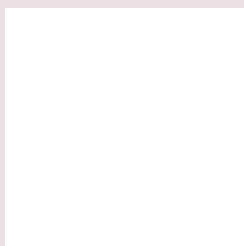
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.6046, 0.0214, 4.3063 Background



This preview shows how black text looks on a background with the HunterLab color 87.6046, 0.0214, 4.3063.



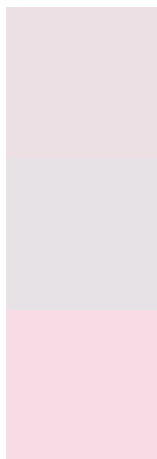
This preview shows how white text looks on a background with the HunterLab color 87.6046, 0.0214,

4.3063.

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

87.6046, 0.0214, 4.3063

Protanopia

87.6772, -2.8364, 3.8485

Deuteranopia

87.6356, 6.4229, 3.9612



Tritanopia

87.5848, 3.8774, -1.7687

Trichromacy



Original Color

87.6046, 0.0214, 4.3063

Protanomaly

87.5576, -1.6582, 3.7270

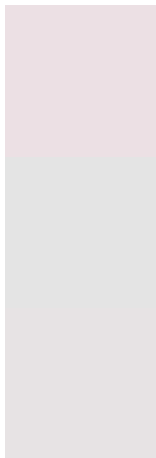
Deuteranomaly

87.5232, 4.4999, 3.7939

Tritanomaly

87.6561, 2.2881, 0.3769

Monochromacy



Original Color

87.6046, 0.0214, 4.3063

Achromatopsia

88.0808, -4.6998, 4.7856

Achromatomaly

88.0503, -3.2045, 4.7759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6046, 0.0214, 4.3063 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(236, 224, 228)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 228)  
}
```

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(236, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6046, 0.0214, 4.3063 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(236, 224, 228) }
```


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

```
.border{ border-color:rgb(236, 224, 228) }
```

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

Here you see how a box with a 4 pixel rgb(236, 224, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6046, 0.0214, 4.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 228) }
```

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

```
.background{ background-color: rgb(236,  
224, 228) }
```

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