

Converting Colors

HunterLab(87.1215, -3.2900,
4.0971)

Have a look what the booklet for
HunterLab(87.1215, -3.2900, 4.0971)
contains.

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Color

**HunterLab(87.1151, -3.3136,
4.1611)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E1E3
RGB	228, 225, 227
RGB Percent	89%, 88%, 89%
CMY	0.1059, 0.1176, 0.1098
CMYK	0.00, 0.01, 0.00, 0.11
HSL	320°, 5%, 89%
HSV	320°, 1%, 89%
XYZ	72.7852, 75.8904, 83.4851
YIQ	226.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

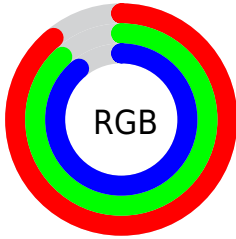
Format	Color
R_{YB}	228, 225, 227
Decimal	15000035
CIE Lab	89.81, 1.37, -0.62
CIE LCh	90, 1.507, 335.519
Yxy	75.8937, 0.3135, 0.3269
Android (android.graphics.Color)	4293190115 (0xFFE4E1E3)
YUV	226.1250, 0.4314, 1.6444
Hunter-Lab	87.1151, -3.3136, 4.1611

Details

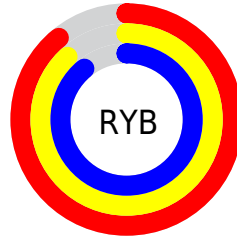
The HunterLab color $87.1151, -3.3136, 4.1611$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87.7424, -6.0069, 5.3391$, and the grayscale version is $87.2620, -4.6561, 4.7411$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.7277, -2.1322, 2.9196$ is the 20% darker color. If you saturate the color by 10%, you get $79.9793, 7.3414, -0.4712$, and if you desaturate by 10%, it is $94.5966, -13.7529, 8.9718$.

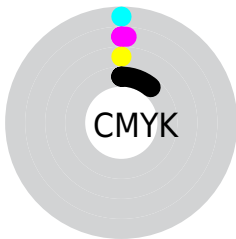
Distribution



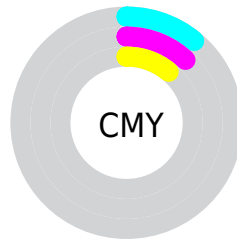
- Red (89%)
- Green (88%)
- Blue (89%)



- Red (89%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.1151, -3.3136, 4.1611 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 87.1151, -3.3136, 4.1611 by changing the saturation by 10% instead.

■ 87.1151, -3.3136,
4.1611

■ 87.1151, -3.3136,
4.1611

219.3134, -9.8970,
11.1507

■ 75.0635, -2.7363,
3.5343

112.9498, -4.5752,
5.5166

■ 63.6238, -2.1930,
2.9409

126.6807, -5.2520,
6.2395

■ 52.8326, -1.6885,
2.3846

140.9269, -5.9585,
6.9914

■ 42.7317, -1.2257,
1.8680

155.6703, -6.6932,
7.7711

■ 33.3719, -0.8086,
1.3944

170.8948, -7.4554,
8.5777

■ 24.8172, -0.4421,
0.9679

186.5856, -8.2439,

■ 17.1522, -0.1335,

9.4104

0.5943

202.7293, -9.0581,
10.2683

■ 10.4953, 0.1061,
0.2820

0.0000, INF, -NF

■ 87.1151, -3.3136,
4.1611

■ 87.1151, -3.3136,
4.1611

■ 79.9793, 7.3414,
-0.4712

■ 94.5966, -13.7529,
8.9718

■ 73.2390, 18.1946,
-4.8603

■ 97.1793, -16.1109,
8.2420

■ 66.9647, 29.1673,
-8.9029

■ 97.4195, -14.7699,
4.8129

■ 61.2387, 40.0943,
-12.4532

■ 97.5880, -13.8309,
2.4118

■ 56.1572, 50.6757,
-15.3129

■ 51.8245, 60.4373,
-17.2358

■ 48.3396, 68.7361,
-17.9621

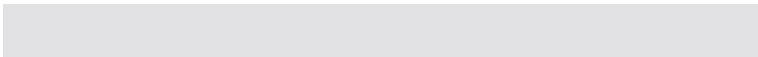
■ 45.7726, 74.8718,
-17.2958

■ 44.1296, 78.3343,
-15.2133

Harmonies

Analogous

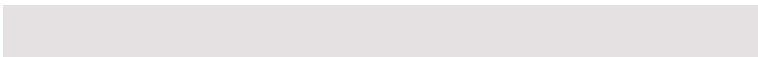
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1170, -3.8002, 3.6000



87.1151, -3.3136, 4.1611



87.1170, -3.1900, 4.8759

Triad

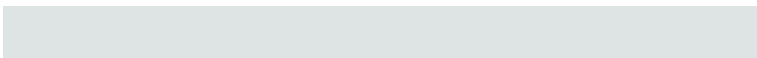
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1170, -3.3157, 4.1625



87.1170, -4.7939, 6.1178



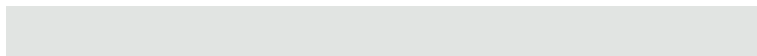
87.1170, -5.8422, 3.9285

Complementary

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



87.1151, -3.3136, 4.1611



87.7424, -6.0069, 5.3391

Split Complementary

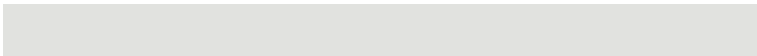
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1170, -6.1065, 4.6079



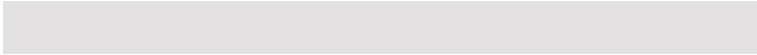
87.1151, -3.3136, 4.1611



87.1170, -5.5025, 5.8687

Square

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



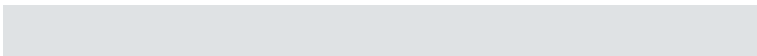
87.1170, -3.3157, 4.1625



87.1170, -4.0451, 6.0009



87.1170, -5.9823, 5.3176



87.1170, -5.2593, 3.4641

Rectangle

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



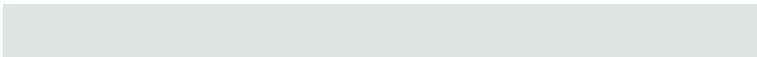
87.1151, -3.3136, 4.1611



87.1170, -3.3270, 5.3403



87.1170, -5.9823, 5.3176



87.1170, -5.9712, 4.1395

Sweetspot

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



87.1170, -3.3157, 4.1625

100.0000, -5.3358, 5.4332



86.9622, -3.7885, 3.4761



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

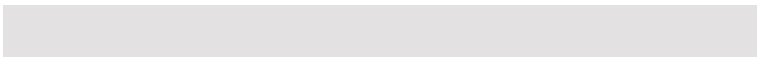
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1170, -3.3157, 4.1625



98.3260, -2.9274, 4.3512



87.0697, -3.5739, 4.8364



40.6589, -1.2690, 1.8241



32.9461, 60.4587, -10.0089



9.0509, 16.7747, -4.0331

Inverse Universe

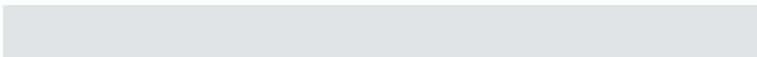
The Inverse Universe completely reimagines the original color for something new.



87.1170, -3.3157, 4.1625



98.3260, -2.9274, 4.3512



87.7894, -5.7486, 4.6681



40.6589, -1.2690, 1.8241



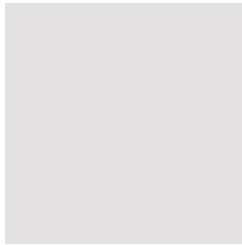
32.9461, 60.4587, -10.0089



9.0509, 16.7747, -4.0331

Previews

White Background



This preview shows how the HunterLab color 87.1151, -3.3136, 4.1611 looks on a white background.

Color Contrast Check

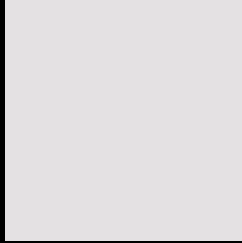
Large Text (above 18pt) WCAG AA × Fail

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 87.1151, -3.3136, 4.1611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

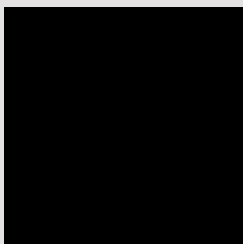
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

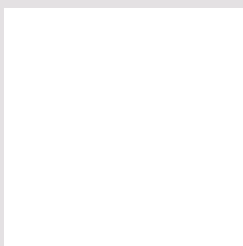
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.1151, -3.3136, 4.1611 Background



This preview shows how black text looks on a background with the HunterLab color 87.1151, -3.3136, 4.1611.



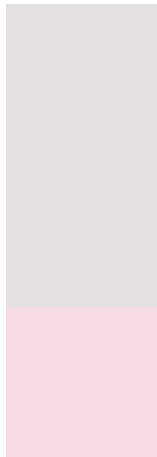
This preview shows how white text looks on a background with the HunterLab color 87.1151, -3.3136,

4.1611.

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

87.1151, -3.3136, 4.1611

Protanopia

87.2092, -2.9879, 4.2782

Deuteranopia

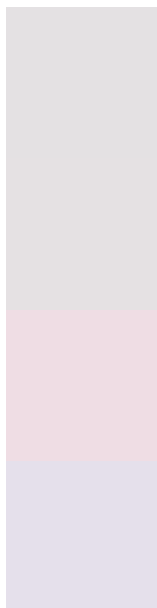
87.0961, 6.0894, 3.8092



Tritanopia

87.1146, 0.7118, -2.4150

Trichromacy



Original Color

87.1151, -3.3136, 4.1611

Protanomaly

87.2092, -2.9879, 4.2782

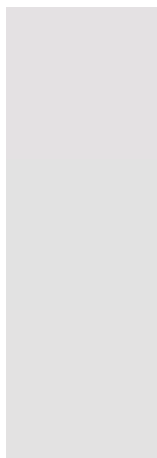
Deuteranomaly

86.9857, 2.6168, 3.6169

Tritanomaly

87.1593, -1.0522, 0.2231

Monochromacy



Original Color

87.1151, -3.3136, 4.1611

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

87.3010, -4.3302, 4.8531

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1151, -3.3136, 4.1611 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(228, 225, 227)` looks like.

```
.text, #text, p{  
    color:rgb(228, 225, 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(228, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 225, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1151, -3.3136, 4.1611 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(228, 225, 227) }
```

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

```
.border{ border-color:rgb(228, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 225,  
227) }
```


Background

The CSS property to change the background color of an element to HunterLab 87.1151, -3.3136, 4.1611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 225, 227) }
```

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

```
.background{ background-color: rgb(228,  
225, 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](#).

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