

Converting Colors

HunterLab(87.0070, -12.3455,
11.6290)

Have a look what the booklet for
HunterLab(87.0070, -12.3455,
11.6290) contains.

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Color

**HunterLab(87.0894,
-12.5231, 11.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E6D2
RGB	216, 230, 210
RGB Percent	85%, 90%, 82%
CMY	0.1529, 0.0980, 0.1765
CMYK	0.06, 0.00, 0.09, 0.10
HSL	102°, 29%, 86%
HSV	102°, 9%, 90%
XYZ	68.2485, 75.8456, 72.0154
YIQ	223.5340, -1.9240, -9.1880

Conversions

Conversions Part 2

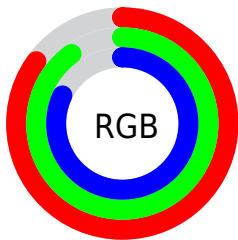
Format	Color
R_{YB}	210, 230, 224
Decimal	14214866
CIE _{Lab}	89.79, -8.25, 8.14
CIE _{LCh}	90, 11.587, 135.380
Y _{xy}	75.8489, 0.3158, 0.3510
Android (android.graphics.Color)	4292404946 (0xFFD8E6D2)
Y _{UV}	223.5340, -6.6723, -6.6073
Hunter-Lab	87.0894, -12.5231, 11.9349

Details

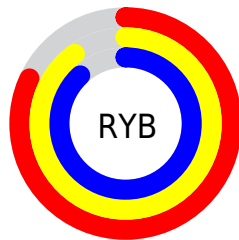
The HunterLab color $87.0894, -12.5231, 11.9349$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82.2531, 3.7843, -3.2155$, and the grayscale version is $86.1643, -4.5975, 4.6815$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.7474, -10.6736, 9.8408$ is the 20% darker color. If you saturate the color by 10%, you get $85.1175, -20.9057, 19.3344$, and if you desaturate by 10%, it is $89.2485, -3.5447, 3.7180$.

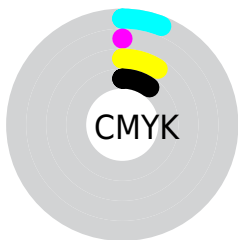
Distribution



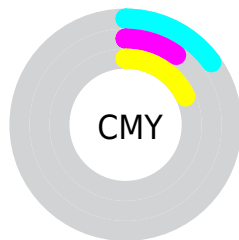
- Red (85%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0894, -12.5231, 11.9349 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 87.0894, -12.5231, 11.9349 by changing the saturation by 10% instead.

■ 87.0894, -12.5231,
11.9349

■ 87.0894, -12.5231,
11.9349

219.2784,
-22.5130, 21.9301

■ 75.0391, -11.4858,
10.8993

112.9218,
-14.6417, 14.0495

■ 63.6006, -10.4572,
9.8735

126.6516,
-15.7208, 15.1280

■ 52.8109, -9.4370,
8.8565

140.8967,
-16.8146, 16.2218

■ 42.7115, -8.4218,
7.8445

155.6391,
-17.9234, 17.3313

■ 33.3532, -7.4064,
6.8317

170.8626,
-19.0475, 18.4568

■ 24.8003, -6.3821,
5.8086

186.5525,

■ 17.1372, -5.3338,

-20.1871, 19.5984

4.7585

202.6952,
-21.3423, 20.7561

■ 10.4826, -4.2331,
3.8821

0.0000, NaN, NaN

■ 87.0894, -12.5231,
11.9349

■ 87.0894, -12.5231,
11.9349

■ 85.1175, -20.9057,
19.3344

■ 89.2485, -3.5447,
3.7180

■ 83.3320, -28.6239,
25.8584

■ 91.5482, 5.7819,
-4.7587

■ 81.7380, -35.6213,
31.4642

■ 92.2370, 8.0890,
-3.8363

■ 80.3372, -41.8476,
36.1216

■ 79.1292, -47.2641,
39.8197

■ 78.1113, -51.8479,
42.5707

■ 77.2779, -55.5955,
44.4158

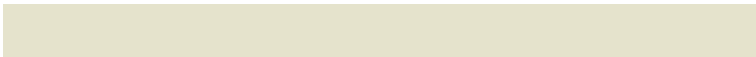
■ 76.6199, -58.5282,
45.4321

■ 76.1221, -60.7110,
45.7762

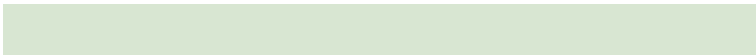
Harmonies

Analogous

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



87.0913, -7.6191, 14.4522



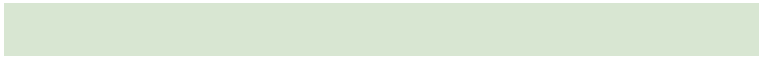
87.0894, -12.5231, 11.9349



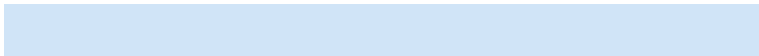
87.0913, -15.2852, 7.4020

Triad

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



87.0913, -12.5251, 11.9361



87.0913, -7.4765, -6.2781



87.0913, 6.4774, 7.5349

Complementary

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



87.0894, -12.5231, 11.9349



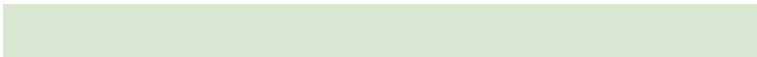
82.2531, 3.7843, -3.2155

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.



87.0913, 6.5180, 1.9925



87.0894, -12.5231, 11.9349



87.0913, -1.6439, -6.2366

Square

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



87.0913, -12.5251, 11.9361



87.0913, -12.4232, -3.2364



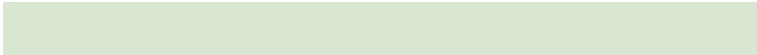
87.0913, 3.5119, -3.1266



87.0913, 3.4023, 12.0279

Rectangle

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



87.0894, -12.5231, 11.9349



87.0913, -15.5848, 3.7299



87.0913, 3.5119, -3.1266



87.0913, 6.8490, 5.7394

Sweetspot

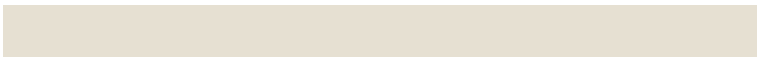
The Sweet Spot groups the original color and five complimentary colors.



87.0913, -12.5251, 11.9361



99.2549, -8.4239, 8.2793



86.4816, -4.9526, 11.4004



45.8292, -4.2747, 4.1761

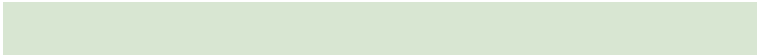
0.0000, NaN, NaN



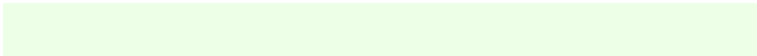
46.2646, -2.4686, 2.5136

Same Dimension

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



87.0913, -12.5251, 11.9361



97.5885, -15.4021, 14.6042



86.6912, -13.7234, 9.6674



40.3703, -6.1211, 5.8166



57.2814, -45.6575, 34.4972



15.7217, -11.7803, 9.4814

Inverse Universe

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



82.2531, 3.7843, -3.2155



91.3094, 5.7684, -5.0664



82.7098, 5.0547, -0.5264



37.9301, 2.1055, -1.8266



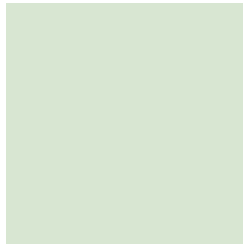
27.5533, 58.9245, -73.1915



7.8025, 16.4252, -18.7040

Previews

White Background



This preview shows how the HunterLab color 87.0894, -12.5231, 11.9349 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 87.0894, -12.5231, 11.9349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

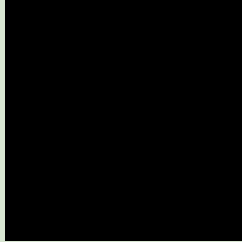
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

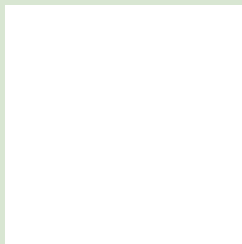
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.0894, -12.5231, 11.9349 Background



This preview shows how black text looks on a background with the HunterLab color 87.0894, -12.5231, 11.9349.



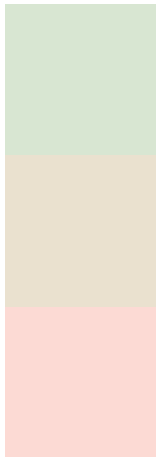
This preview shows how white text looks on a background with the HunterLab color 87.0894,

-12.5231,11.9349.

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

87.0894, -12.5231, 11.9349

Protanopia

87.0907, -4.5936, 13.3967

Deuteranopia

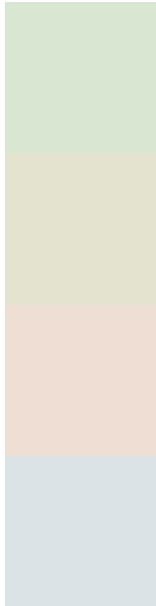
86.9435, 6.1395, 11.2056



Tritanopia

87.0021, -2.6421, -4.2212

Trichromacy



Original Color

87.0894, -12.5231, 11.9349

Protanomaly

87.0765, -7.7971, 12.8875

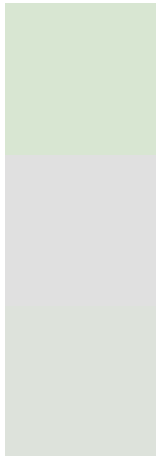
Deuteranomaly

86.7735, -0.7082, 11.3483

Tritanomaly

87.0447, -6.5125, 2.0271

Monochromacy



Original Color

87.0894, -12.5231, 11.9349

Achromatopsia

86.3368, -4.6067, 4.6908

Achromatomaly

86.5328, -7.4463, 7.2719

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0894, -12.5231, 11.9349 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(216, 230, 210)` looks like.

```
.text, #text, p{  
    color:rgb(216, 230, 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(216, 230, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 230, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0894, -12.5231, 11.9349 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(216, 230, 210) }
```


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

```
.border{ border-color:rgb(216, 230, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 230, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 230, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 230, 210);  
box-shadow:4px 4px 4px 4px rgb(216, 230,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0894, -12.5231, 11.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 230, 210) }
```

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

```
.background{ background-color: rgb(216,  
230, 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](#).

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