

# Converting Colors

HunterLab(87.1272, -12.5835,  
13.3022)

Have a look what the booklet for  
HunterLab(87.1272, -12.5835,  
13.3022) contains.

<b>HunterLab(87.0921, -12.6837, 13.2566)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(87.0921,  
-12.6837, 13.2566)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E6CF
RGB	217, 230, 207
RGB Percent	85%, 90%, 81%
CMY	0.1490, 0.0980, 0.1882
CMYK	0.06, 0.00, 0.10, 0.10
HSL	94°, 32%, 86%
HSV	94°, 10%, 90%
XYZ	68.1746, 75.8503, 70.0789
YIQ	223.4910, -0.3650, -9.9090

# Conversions

## Conversions Part 2

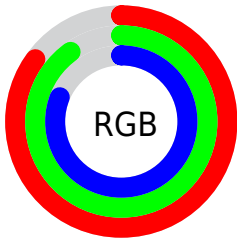
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 230, 220
Decimal	14280399
CIE Lab	89.79, -8.42, 9.72
CIE LCh	90, 12.858, 130.901
Yxy	75.8536, 0.3184, 0.3543
Android (android.graphics.Color)	4292470479 (0xFFD9E6CF)
YUV	223.4910, -8.1301, -5.6926
Hunter-Lab	87.0921, -12.6837, 13.2566

# Details

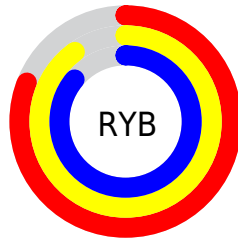
The HunterLab color  $87.0921, -12.6837, 13.2566$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $80.9670, 4.0627, -4.8604$ , and the grayscale version is  $86.1513, -4.5968, 4.6808$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.7505, -10.8200, 11.0649$  is the 20% darker color. If you saturate the color by 10%, you get  $85.3783, -20.0991, 20.7664$ , and if you desaturate by 10%, it is  $88.9570, -4.7476, 4.8344$ .

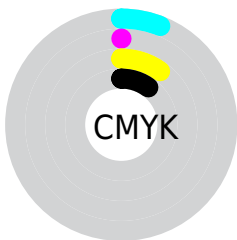
# Distribution



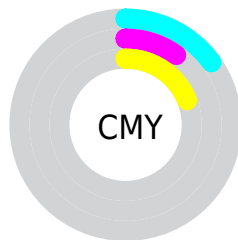
- Red (85%)
- Green (90%)
- Blue (81%)



- Red (81%)
- Yellow (90%)
- Blue (86%)



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



- Cyan (15%)
- Magenta (10%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0921, -12.6837, 13.2566 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 87.0921, -12.6837, 13.2566 by changing the saturation by 10% instead.



■ 87.0921, -12.6837,  
13.2566

■ 87.0921, -12.6837,  
13.2566

219.2821,  
-22.7352, 23.8141

■ 75.0416, -11.6381,  
12.1435

112.9247,  
-14.8179, 15.5144

■ 63.6031, -10.6006,  
11.0354

126.6546,  
-15.9043, 16.6596

■ 52.8132, -9.5710,  
9.9301

140.8999,  
-17.0050, 17.8175

■ 42.7136, -8.5457,  
8.8226

155.6424,  
-18.1206, 18.9886

■ 33.3552, -7.5192,  
7.7051

170.8660,  
-19.2513, 20.1735

■ 24.8021, -6.4827,  
6.5650

186.5560,

■ 17.1388, -5.4207,

-20.3972, 21.3726

5.3804

202.6988,  
-21.5585, 22.5861

■ 10.4839, -4.3045,  
4.5066

0.0000, NaN, NaN

■ 87.0921, -12.6837,  
13.2566

■ 87.0921, -12.6837,  
13.2566

■ 85.3783, -20.0991,  
20.7664

■ 88.9570, -4.7476,  
4.8344

■ 83.8127, -26.9458,  
27.3204

■ 90.9640, 3.6708,  
-4.4562

■ 82.3989, -33.1879,  
32.8914

■ 92.2370, 8.0890,  
-3.8363

■ 81.1374, -38.7942,  
37.4651

■ 80.0273, -43.7423,  
41.0453

■ 79.0658, -48.0210,  
43.6575

■ 78.2485, -51.6338,  
45.3540

■ 77.5680, -54.6022,  
46.2216

■ 77.0096, -56.9978,  
46.4551

# Harmonies

## Analogous

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



87.0940, -7.0030, 15.6272



87.0921, -12.6837, 13.2566



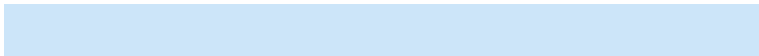
87.0940, -16.1514, 8.5424

# Triad

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



87.0940, -12.6858, 13.2578



87.0940, -8.7041, -7.2604



87.0940, 7.9653, 6.9595

# Complementary

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



87.0921, -12.6837, 13.2566



80.9670, 4.0627, -4.8604

# 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.



87.0940, 7.4773, 0.7597



87.0921, -12.6837, 13.2566



87.0940, -2.2754, -7.7621

# Square

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



87.0940, -12.6858, 13.2578



87.0940, -13.8996, -3.4095



87.0940, 3.6844, -4.7340



87.0940, 4.9988, 12.1723



# Rectangle

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



87.0921, -12.6837, 13.2566



87.0940, -16.8008, 4.5536



87.0940, 3.6844, -4.7340



87.0940, 8.2020, 4.9275

# Sweetspot

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



87.0940, -12.6858, 13.2578



99.3509, -8.0872, 8.3953



85.0493, -3.1807, 11.1982



45.8852, -4.0778, 4.2433

0.0000, NaN, NaN

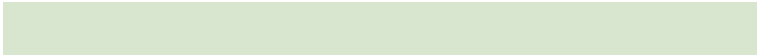


46.2646, -2.4686, 2.5136

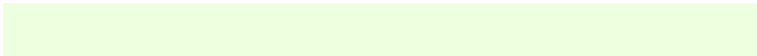


# Same Dimension

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



87.0940, -12.6858, 13.2578



97.4931, -16.0327, 16.7339



86.2693, -15.5798, 11.8062



40.4895, -5.6953, 5.9533



58.0023, -42.6364, 34.9943



15.9379, -10.8851, 9.6303



# Inverse Universe

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



80.9670, 4.0627, -4.8604



89.2023, 6.6386, -7.8005



81.9143, 7.1627, -2.9775



37.7983, 1.6607, -2.0036



24.4865, 55.1427, -86.5698

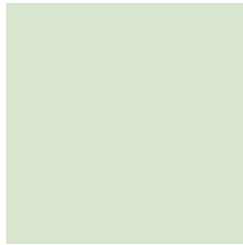


7.0553, 15.4701, -21.7016



# Previews

## White Background



This preview shows how the HunterLab color 87.0921, -12.6837, 13.2566 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

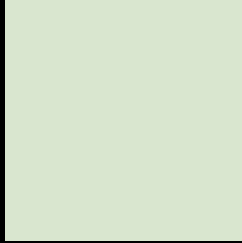
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.0921, -12.6837, 13.2566 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

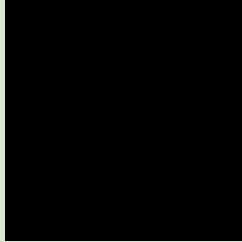
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

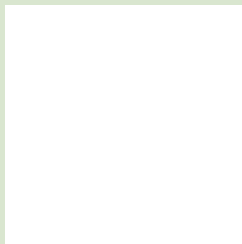
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.0921, -12.6837, 13.2566 Background



This preview shows how black text looks on a background with the HunterLab color 87.0921, -12.6837, 13.2566.



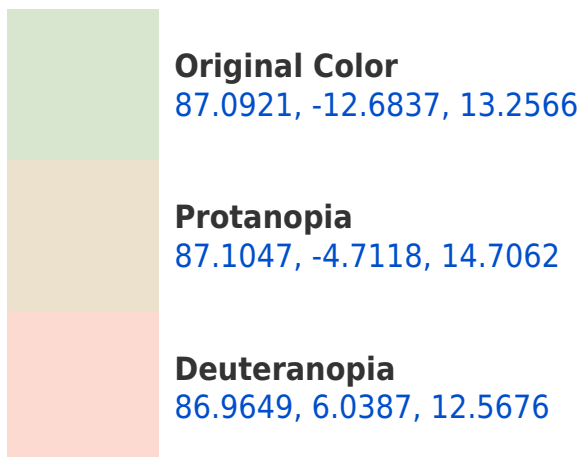
This preview shows how white text looks on a background with the HunterLab color 87.0921,

-12.6837,13.2566.

# 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

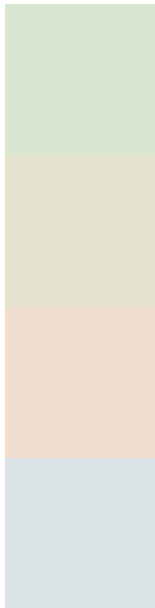




## Tritanopia

87.0925, -2.3298, -4.1000

# Trichromacy



## Original Color

87.0921, -12.6837, 13.2566

## Protanomaly

87.0861, -7.9312, 14.2007

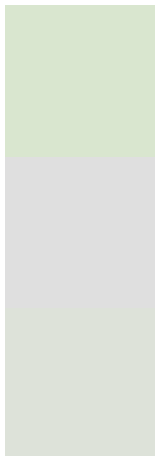
## Deuteranomaly

86.7882, -0.8296, 12.6969

## Tritanomaly

87.1017, -6.3779, 2.6009

# Monochromacy



## Original Color

87.0921, -12.6837, 13.2566

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

86.4723, -7.7800, 8.1375

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0921, -12.6837, 13.2566 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(217, 230, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 230, 207)  
}
```

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(217, 230, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 230, 207) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0921, -12.6837, 13.2566 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(217, 230, 207) }
```



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

```
.border{ border-color:rgb(217, 230, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 230, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 230, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 230, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 230,  
207) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0921, -12.6837, 13.2566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 230, 207) }
```

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

```
.background{ background-color: rgb(217,  
230, 207) }
```

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