

# Converting Colors

HunterLab(87.1859, -7.3393,  
11.5642)

Have a look what the booklet for  
HunterLab(87.1859, -7.3393,  
11.5642) contains.

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# Color

**HunterLab(87.1620, -7.3255,  
11.6595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E3D3
RGB	227, 227, 211
RGB Percent	89%, 89%, 83%
CMY	0.1098, 0.1098, 0.1725
CMYK	0.00, 0.00, 0.07, 0.11
HSL	60°, 22%, 86%
HSV	60°, 7%, 89%
XYZ	70.9054, 75.9721, 72.5550
YIQ	225.1760, 5.1360, -4.9760

# Conversions

## Conversions Part 2

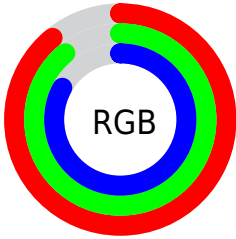
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 227, 211
Decimal	14934995
CIE Lab	89.85, -2.76, 7.81
CIE LCh	90, 8.281, 109.503
Yxy	75.9754, 0.3231, 0.3462
Android (android.graphics.Color)	4293125075 (0xFFE3E3D3)
YUV	225.1760, -6.9888, 1.5996
Hunter-Lab	87.1620, -7.3255, 11.6595

# Details

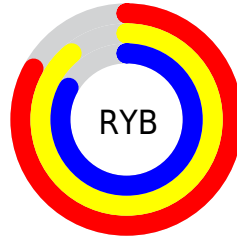
The HunterLab color  $87.1620, -7.3255, 11.6595$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $81.2315, -1.4621, -3.0173$ , and the grayscale version is  $86.8784, -4.6356, 4.7203$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.7777, -5.9108, 9.9567$  is the 20% darker color. If you saturate the color by 10%, you get  $86.5535, -10.7015, 20.4391$ , and if you desaturate by 10%, it is  $87.8616, -3.5005, 1.7013$ .

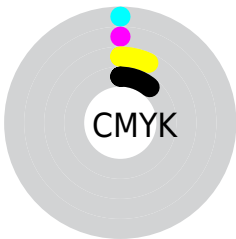
# Distribution



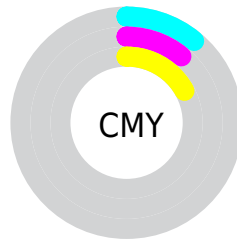
- Red (89%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.1620, -7.3255, 11.6595 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 87.1620, -7.3255, 11.6595 by changing the saturation by 10% instead.



■ 87.1620, -7.3255,  
11.6595

■ 87.1620, -7.3255,  
11.6595

219.3772,  
-15.3622, 21.5379

■ 75.1082, -6.5528,  
10.6400

113.0010, -8.9520,  
13.7444

■ 63.6660, -5.8036,  
9.6314

126.7338, -9.8003,  
14.8090

■ 52.8724, -5.0806,  
8.6327

140.9819,  
-10.6719, 15.8895

■ 42.7687, -4.3842,  
7.6406

155.7273,  
-11.5663, 16.9863

■ 33.4059, -3.7147,  
6.6496

170.9536,  
-12.4830, 18.0994

■ 24.8481, -3.0719,  
5.6509

186.6461,

■ 17.1795, -2.4543,

-13.4215, 19.2290

4.6289

202.7915,  
-14.3814, 20.3752

■ 10.5185, -1.8576,  
3.7479

0.0000, NaN, NaN

■ 87.1620, -7.3255,  
11.6595

■ 87.1620, -7.3255,  
11.6595

■ 86.5535, -10.7015,  
20.4391

■ 87.8616, -3.5005,  
1.7013

■ 86.0283, -13.6233,  
28.0404

■ 88.5970, 0.5002,  
-8.7106

■ 85.5858, -16.0994,  
34.4808

■ 88.5976, 0.5022,  
-8.7098

■ 85.2226, -18.1410,  
39.7898

■ 88.5982, 0.5042,  
-8.7090

■ 84.9349, -19.7647,  
44.0105

■ 88.5988, 0.5062,  
-8.7082

■ 84.7179, -20.9930,  
47.2019

■ 88.5994, 0.5083,  
-8.7074

■ 84.5658, -21.8554,  
49.4406

■ 88.5999, 0.5103,  
-8.7065

■ 84.4716, -22.3896,  
50.8250

■ 88.6005, 0.5123,  
-8.7057

■ 84.4260, -22.6480,  
51.4914

■ 88.6011, 0.5143,  
-8.7049

# Harmonies

## Analogous

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



87.1639, -3.1836, 11.9455



87.1620, -7.3255, 11.6595



87.1639, -10.6949, 9.5740

# Triad

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



87.1639, -7.3277, 11.6608



87.1639, -9.8235, -1.2839



87.1639, 3.4045, 3.3375

# Complementary

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



87.1620, -7.3255, 11.6595



81.2315, -1.4621, -3.0173

# 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.



87.1639, 1.5529, -0.3780



87.1620, -7.3255, 11.6595



87.1639, -6.1177, -3.1285

# Square

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



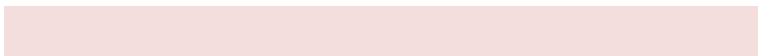
87.1639, -7.3277, 11.6608



87.1639, -12.1169, 2.1482



87.1639, -1.9507, -2.7894



87.1639, 3.0656, 7.2635



# Rectangle

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



87.1620, -7.3255, 11.6595



87.1639, -12.0708, 7.3844



87.1639, -1.9507, -2.7894



87.1639, 3.0162, 2.0195

# Sweetspot

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



87.1639, -7.3277, 11.6608



99.8377, -6.2256, 7.7488



82.2340, 0.9434, 6.2547



46.1932, -2.8601, 3.5325

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.1639, -7.3277, 11.6608



99.3750, -8.7693, 14.3681



86.4321, -9.9069, 10.8097



41.0086, -3.8567, 6.5446



64.4658, -17.3334, 39.4201



17.5245, -4.7112, 10.7160



# Inverse Universe

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



81.2315, -1.4621, -3.0173



91.6531, -1.1316, -4.7449



81.9734, 1.0807, -2.0356



37.2658, -0.1524, -2.7253



17.9856, 48.7840, -127.7809

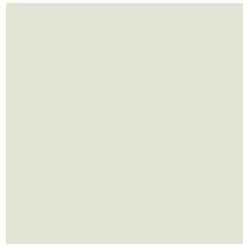


4.8899, 13.2619, -34.7300



# Previews

## White Background



This preview shows how the HunterLab color 87.1620, -7.3255, 11.6595 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

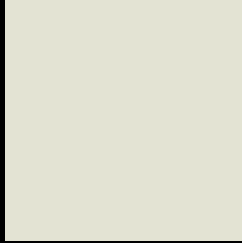
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.1620, -7.3255, 11.6595 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

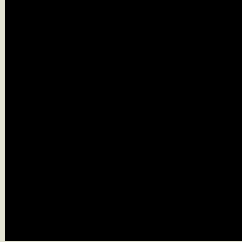
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

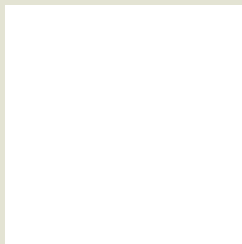
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.1620, -7.3255, 11.6595 Background



This preview shows how black text looks on a background with the HunterLab color 87.1620, -7.3255, 11.6595.



This preview shows how white text looks on a background with the HunterLab color 87.1620, -7.3255,



# 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

87.1620, -7.3255, 11.6595

### Protanopia

87.1757, -4.1282, 12.1761

### Deuteranopia

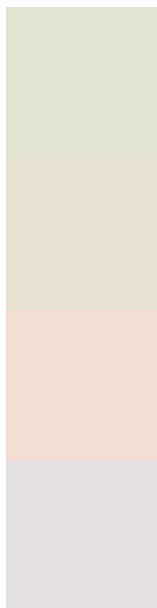
86.9726, 6.2954, 10.7882



## Tritanopia

87.2098, 1.0369, -2.2895

# Trichromacy



## Original Color

87.1620, -7.3255, 11.6595

## Protanomaly

87.1979, -5.6493, 12.1738

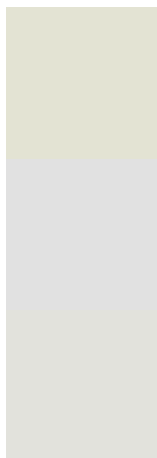
## Deuteranomaly

86.9029, 1.3598, 11.0770

## Tritanomaly

87.0583, -1.7914, 3.1291

# Monochromacy



## Original Color

87.1620, -7.3255, 11.6595

## Achromatopsia

86.7722, -4.6299, 4.7145

## Achromatomaly

87.0223, -5.6721, 7.3912

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.1620, -7.3255, 11.6595 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(227, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 211)  
}
```

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(227, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 211) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.1620, -7.3255, 11.6595 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(227, 227, 211) }
```



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

```
.border{ border-color:rgb(227, 227, 211) }
```

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

Here you see how a box with a 4 pixel rgb(227, 227, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
211) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.1620, -7.3255, 11.6595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 211) }
```

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

```
.background{ background-color: rgb(227,  
227, 211) }
```

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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