

# Converting Colors

HunterLab(87.3518, 2.3532,  
4.0981)

Have a look what the booklet for  
HunterLab(87.3518, 2.3532, 4.0981)  
contains.

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# Color

**HunterLab(87.3895, 2.4271,  
4.0936)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | F0DEE4                    |
| RGB         | 240, 222, 228             |
| RGB Percent | 94%, 87%, 89%             |
| CMY         | 0.0588, 0.1294, 0.1059    |
| CMYK        | 0.00, 0.07, 0.05, 0.06    |
| HSL         | 340°, 37%, 91%            |
| HSV         | 340°, 7%, 94%             |
| XYZ         | 76.0601, 76.3692, 84.1307 |
| YIQ         | 228.0660, 8.8020, 5.6820  |

# Conversions

## Conversions Part 2

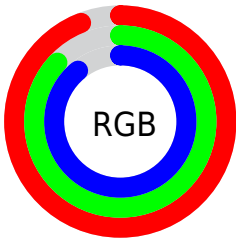
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 240, 222, 228                 |
| Decimal                             | 15785700                      |
| CIE Lab                             | 90.03, 7.17, -0.71            |
| CIE LCh                             | 90, 7.210, 354.331            |
| Yxy                                 | 76.3726, 0.3215,<br>0.3228    |
| Android<br>(android.graphics.Color) | 4293975780<br>(0xFFFF0DEE4)   |
| YUV                                 | 228.0660, -0.0325,<br>10.4661 |
| Hunter-Lab                          | 87.3895, 2.4271,<br>4.0936    |

# Details

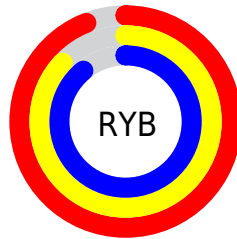
The HunterLab color  $87.3895, 2.4271, 4.0936$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $91.5381, -11.7211, 5.7786$ , and the grayscale version is  $88.1087, -4.7013, 4.7871$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.9100, 3.0295, 2.7569$  is the 20% darker color. If you saturate the color by 10%, you get  $79.7932, 12.5123, 3.1060$ , and if you desaturate by 10%, it is  $95.3795, -7.4216, 5.4366$ .

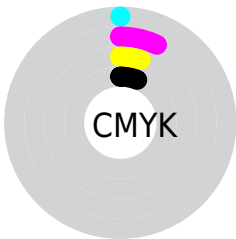
# Distribution



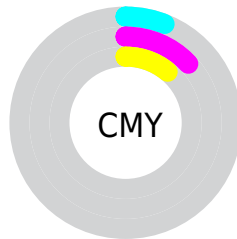
- Red (94%)
- Green (87%)
- Blue (89%)



- Red (94%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3895, 2.4271, 4.0936 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 87.3895, 2.4271, 4.0936 by changing the saturation by 10% instead.



87.3895, 2.4271,  
4.0936

87.3895, 2.4271,  
4.0936

219.6866, -2.1590,  
11.0598

75.3247, 2.7375,  
3.4700

113.2490, 1.6646,  
5.4433

63.8710, 3.0005,  
2.8799

126.9916, 1.2230,  
6.1634

53.0650, 3.2087,  
2.3271

141.2490, 0.7436,  
6.9126

42.9482, 3.3562,  
1.8142

156.0033, 0.2284,  
7.6898

33.5713, 3.4349,  
1.3445

171.2383, -0.3209,  
8.4939

24.9979, 3.4337,  
0.9224

186.9393, -0.9028,

17.3120, 3.3365,

9.3241

0.5536

203.0929, -1.5159,  
10.1796

■ 10.6310, 3.1178,  
0.2468

■ 0.5956, 52.4549,  
-4.9237

■ 87.3895, 2.4271,  
4.0936

■ 87.3895, 2.4271,  
4.0936

■ 79.7932, 12.5123,  
3.1060

■ 95.3795, -7.4216,  
5.4366

■ 72.6532, 22.8144,  
2.5521

■ 98.6233, -10.1585,  
3.7174

■ 66.0566, 33.2398,  
2.5335

■ 60.1069, 43.5859,  
3.1622

■ 54.9243, 53.4813,  
4.5441

■ 50.6363, 62.3464,  
6.7416

■ 47.3547, 69.4367,  
9.7173

■ 45.1374, 74.0481,  
13.2823

■ 43.9266, 75.9190,  
17.0843

# Harmonies

## Analogous

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



87.3914, 1.1060, 0.7748



87.3895, 2.4271, 4.0936



87.3914, 1.8181, 7.4626

# Triad

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



87.3914, 2.4248, 4.0951



87.3914, -7.5398, 10.6229



87.3914, -8.7215, -0.8412

# Complementary

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



87.3895, 2.4271, 4.0936



91.5381, -11.7211, 5.7786

# 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.



87.3914, -10.9696, 1.9620



87.3895, 2.4271, 4.0936



87.3914, -10.2952, 8.5601

# Square

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



87.3914, 2.4248, 4.0951



87.3914, -3.9735, 11.1418



87.3914, -11.5409, 5.4137



87.3914, -5.3597, -2.1492



# Rectangle

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



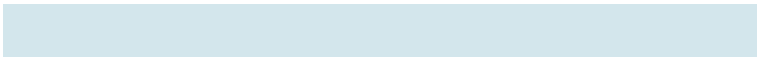
87.3895, 2.4271, 4.0936



87.3914, 0.4082, 9.2939



87.3914, -11.5409, 5.4137



87.3914, -9.6303, -0.0371

# Sweetspot

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



87.3914, 2.4248, 4.0951



98.2710, -3.2271, 5.1343



87.1951, 2.5482, -2.2823



45.5042, -1.5415, 2.3821

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

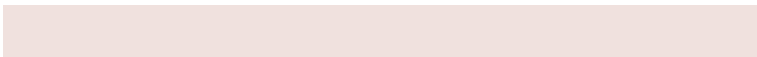
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3914, 2.4248, 4.0951



92.3443, 4.2356, 4.1982



88.1208, -0.1670, 7.7969



39.8067, 2.0403, 1.7939



32.3725, 56.4854, 12.8062



9.4319, 16.6398, 2.3166



# Inverse Universe

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



87.3914, 2.4248, 4.0951



92.3443, 4.2356, 4.1982



90.7697, -9.1183, 1.9237



39.8067, 2.0403, 1.7939



32.3725, 56.4854, 12.8062

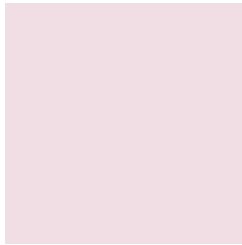


9.4319, 16.6398, 2.3166



# Previews

## White Background



This preview shows how the HunterLab color 87.3895, 2.4271, 4.0936 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

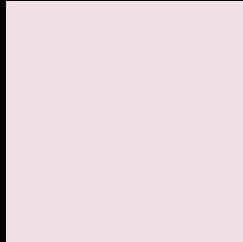
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.3895, 2.4271, 4.0936 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

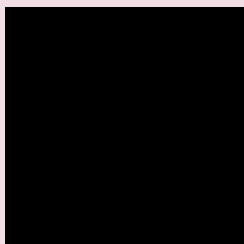
Any Text WCAG AA ✓ Pass

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 87.3895, 2.4271, 4.0936 Background



This preview shows how black text looks on a background with the HunterLab color 87.3895, 2.4271, 4.0936.



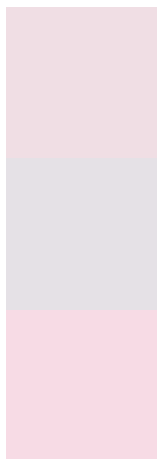
This preview shows how white text looks on a background with the HunterLab color 87.3895, 2.4271,

4.0936.

# 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

87.3895, 2.4271, 4.0936

### Protanopia

87.3050, -2.4654, 2.9133

### Deuteranopia

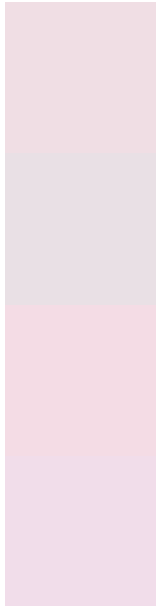
87.2321, 6.6091, 3.4838



## Tritanopia

87.2125, 5.5929, -1.1532

# Trichromacy



## Original Color

87.3895, 2.4271, 4.0936

## Protanomaly

87.3453, -0.8039, 3.4891

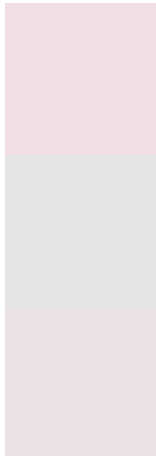
## Deuteranomaly

87.2219, 5.0331, 3.4441

## Tritanomaly

87.3809, 4.3436, 1.1022

# Monochromacy



## Original Color

87.3895, 2.4271, 4.0936

## Achromatopsia

88.0808, -4.6998, 4.7856

## Achromatomaly

87.8350, -2.3544, 4.5370

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3895, 2.4271, 4.0936 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(240, 222, 228)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 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(240, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 228) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3895, 2.4271, 4.0936 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(240, 222, 228) }
```



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

```
.border{ border-color:rgb(240, 222, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
228) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3895, 2.4271, 4.0936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 228) }
```

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

```
.background{ background-color: rgb(240,  
222, 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](#).

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