

# Converting Colors

HunterLab(81.0318, 3.3744,  
6.9771)

Have a look what the booklet for  
HunterLab(81.0318, 3.3744, 6.9771)  
contains.

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# Color

**HunterLab(81.2118, 3.4025,  
7.0050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6CFCF
RGB	230, 207, 207
RGB Percent	90%, 81%, 81%
CMY	0.0980, 0.1882, 0.1882
CMYK	0.00, 0.10, 0.10, 0.10
HSL	0°, 32%, 86%
HSV	0°, 10%, 90%
XYZ	66.2084, 65.9536, 68.2722
YIQ	213.8770, 13.7080, 4.8760

# Conversions

## Conversions Part 2

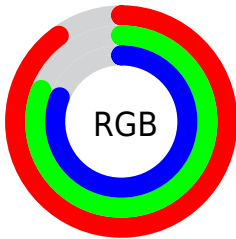
Format	Color
R <sub>Y</sub> B	230, 207, 207
Decimal	15126479
CIE Lab	84.97, 8.00, 2.91
CIE LCh	85, 8.512, 19.992
Yxy	65.9565, 0.3303, 0.3291
Android (android.graphics.Color)	4293316559 (0xFFE6CFCF)
YUV	213.8770, -3.3904, 14.1399
Hunter-Lab	81.2118, 3.4025, 7.0050

# Details

The HunterLab color  $81.2118, 3.4025, 7.0050$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $86.9315, -11.8631, 2.2997$ , and the grayscale version is  $81.9610, -4.3732, 4.4531$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $58.3790, 3.6195, 5.4289$  is the 20% darker color. If you saturate the color by 10%, you get  $73.8706, 11.9103, 9.3299$ , and if you desaturate by 10%, it is  $88.9556, -4.7466, 4.8331$ .

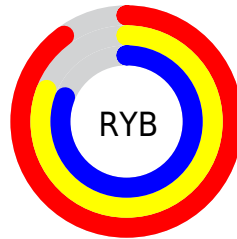
# Distribution



Red (90%)

Green (81%)

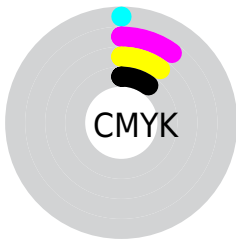
Blue (81%)



Red (90%)

Yellow (81%)

Blue (81%)

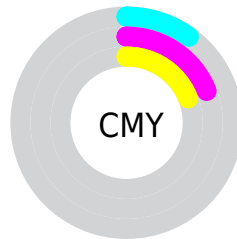


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.2118, 3.4025, 7.0050 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 81.2118, 3.4025, 7.0050 by changing the saturation by 10% instead.



81.2118, 3.4025,  
7.0050

81.2118, 3.4025,  
7.0050

211.2395, -0.7323,  
15.0825

69.4529, 3.6500,  
6.2303

106.5006, 2.7558,  
8.6352

58.3221, 3.8456,  
5.4805

119.9753, 2.3679,  
9.4867

47.8590, 3.9814,  
4.7575

133.9746, 1.9399,  
10.3624

38.1094, 4.0499,  
4.0616

148.4797, 1.4741,  
11.2615

29.1299, 4.0411,  
3.3926

163.4735, 0.9724,  
12.1835

20.9932, 3.9409,  
2.7496


178.9406, 0.4364,

13.7979, 3.7280,


13.1280


2.1294


194.8669, -0.1323,  
14.0945


 7.4208, 4.3010,  
2.0296

0.0000, NaN, NaN


 81.2118, 3.4025,  
7.0050


 81.2118, 3.4025,  
7.0050


 73.8706, 11.9103,  
9.3299


 88.9556, -4.7466,  
4.8331

 67.0005, 20.7890,  
11.8110

 97.0383, -12.5636,  
2.7948

 60.6959, 29.9802,  
14.4372

 97.7564, -13.2308,  
2.6251

 55.0701, 39.3127,  
17.1593

■ 50.2538, 48.4321,  
19.8679

■ 46.3816, 56.7530,  
22.3764

■ 43.5625, 63.5123,  
24.4368

■ 41.8321, 68.0130,  
25.8185

■ 41.0171, 70.2376,  
26.5041

# Harmonies

## Analogous

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



81.2136, 3.7782, 3.0728



81.2118, 3.4025, 7.0050



81.2136, 0.9254, 10.0935

# Triad

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



81.2136, 3.4002, 7.0063



81.2136, -10.4378, 9.2111



81.2136, -5.7379, -3.5235

# Complementary

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



81.2118, 3.4025, 7.0050



86.9315, -11.8631, 2.2997

# 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.



81.2136, -9.4701, -1.6934



81.2118, 3.4025, 7.0050



81.2136, -12.1469, 5.7459

# Square

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



81.2136, 3.4002, 7.0063



81.2136, -7.0833, 11.3209



81.2136, -11.7963, 1.7471



81.2136, -1.5551, -3.1437



# Rectangle

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



81.2118, 3.4025, 7.0050



81.2136, -1.5530, 11.3202



81.2136, -11.7963, 1.7471



81.2136, -7.0854, -3.1429

# Sweetspot

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



81.2136, 3.4002, 7.0063



97.3312, -2.6138, 6.1534



81.9529, 7.3703, -3.5332



44.7027, -0.8700, 2.9370

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.2136, 3.4002, 7.0063



89.5505, 5.7667, 8.4022



84.6944, -2.5864, 10.8176



37.9057, 1.3684, 3.1968



30.8624, 52.8474, 19.9425



8.3904, 14.3631, 5.4216



# Inverse Universe

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



86.9315, -11.8631, 2.2997



97.2872, -14.8969, 2.0300



83.2959, -6.0097, -2.0666



40.4178, -5.3367, 1.1293



59.3822, -31.4749, -6.2774

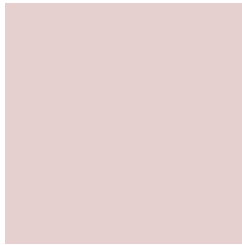


16.1428, -8.5566, -1.7059



# Previews

## White Background



This preview shows how the HunterLab color 81.2118, 3.4025, 7.0050 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

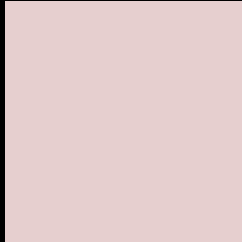
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.2118, 3.4025, 7.0050 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

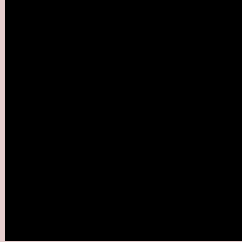
Any Text WCAG AA ✓ Pass

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 81.2118, 3.4025, 7.0050 Background



This preview shows how black text looks on a background with the HunterLab color 81.2118, 3.4025, 7.0050.



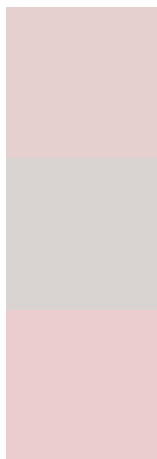
This preview shows how white text looks on a background with the HunterLab color 81.2118, 3.4025,

7.0050.

# 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

81.2118, 3.4025, 7.0050

### Protanopia

81.2057, -2.7092, 5.9491

### Deuteranopia

81.1356, 6.1947, 6.9664



## Tritanopia

81.2643, 7.5059, 0.2970

# Trichromacy



## Original Color

81.2118, 3.4025, 7.0050

## Protanomaly

81.3492, -0.7094, 6.6218

## Deuteranomaly

81.2227, 4.9675, 7.0449

## Tritanomaly

81.2954, 5.7691, 2.8143

# Monochromacy



## Original Color

81.2118, 3.4025, 7.0050

## Achromatopsia

82.0026, -4.3755, 4.4554

## Achromatomaly

81.5520, -1.3919, 5.4228

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.2118, 3.4025, 7.0050 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(230, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 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(230, 207, 207) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to HunterLab 81.2118, 3.4025, 7.0050 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(230, 207, 207) }
```



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

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

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

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

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

# Background

The CSS property to change the background color of an element to HunterLab 81.2118, 3.4025, 7.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(230,  
207, 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](#).

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