

# Converting Colors

HunterLab(79.8365, 12.0006,  
-1.4902)

Have a look what the booklet for  
HunterLab(79.8365, 12.0006,  
-1.4902) contains.

<b>HunterLab(79.8307, 11.7515, -1.4083)</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(79.8307, 11.7515,  
-1.4083)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBC7DD
RGB	235, 199, 221
RGB Percent	92%, 78%, 87%
CMY	0.0784, 0.2196, 0.1333
CMYK	0.00, 0.15, 0.06, 0.08
HSL	323°, 47%, 85%
HSV	323°, 15%, 92%
XYZ	67.7354, 63.7294, 77.1375
YIQ	212.2720, 14.3940, 14.4740

# Conversions

## Conversions Part 2

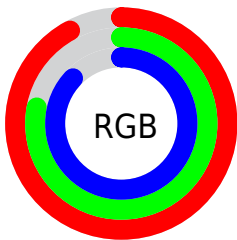
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 199, 221
Decimal	15452125
CIE <sub>Lab</sub>	83.83, 16.33, -6.18
CIE <sub>LCh</sub>	84, 17.460, 339.274
Yxy	63.7322, 0.3247, 0.3055
Android (android.graphics.Color)	4293642205 (0xFFEBC7DD)
YUV	212.2720, 4.3029, 19.9325
Hunter-Lab	79.8307, 11.7515, -1.4083

# Details

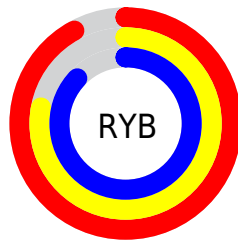
The HunterLab color **79.8307, 11.7515, -1.4083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3868, -19.5950, 10.7912**, and the grayscale version is **81.2367, -4.3346, 4.4137**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **57.0856, 11.4132, -2.0938** is the 20% darker color. If you saturate the color by 10%, you get **72.9834, 22.8302, -5.1545**, and if you desaturate by 10%, it is **87.1177, 0.8462, 2.6759**.

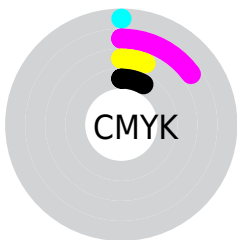
# Distribution



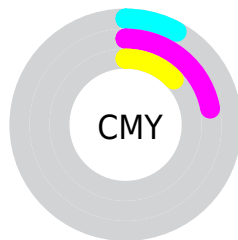
- Red (92%)
- Green (78%)
- Blue (87%)



- Red (92%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (8%)












- Cyan (8%)
- Magenta (22%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8307, 11.7515, -1.4083 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 79.8307, 11.7515, -1.4083 by changing the saturation by 10% instead.



 79.8307, 11.7515, -1.4083	 79.8307, 11.7515, -1.4083
209.3375, 10.5108, 3.5952	 68.1424, 11.6138, -1.7690
104.9882, 11.8270, -0.5502	 57.0862, 11.4053, -2.0824
118.4012, 11.7799, -0.0614	 46.7025, 11.1149, -2.3425
132.3414, 11.6808, 0.4646	 37.0382, 10.7314, -2.5435
146.7893, 11.5332, 1.0261	 28.1513, 10.2402, -2.6780
161.7278, 11.3401, 1.6212	 20.1171, 9.6215, -2.7359
177.1413, 11.1038,	 13.0379, 8.8486,

2.2487

-2.7035

193.0155, 10.8267,  
2.9070

6.5083, 10.5856,  
-3.5812

0.0000, NaN, NaN

79.8307, 11.7515,  
-1.4083

79.8307, 11.7515,  
-1.4083

72.9834, 22.8302,  
-5.1545

87.1177, 0.8462,  
2.6759

66.6476, 33.9835,  
-8.4450

94.7765, -9.8393,  
7.0069

60.9172, 44.9956,  
-11.1115

97.9724, -12.8880,  
6.1936

55.8979, 55.4948,  
-12.9415

98.1847, -11.7094,  
3.1659

■ 51.7006, 64.9204,  
-13.6952

■ 48.4232, 72.5605,  
-13.1593

■ 46.1200, 77.7244,  
-11.2401

■ 44.7618, 80.0493,  
-8.0620

■ 44.3439, 80.4536,  
-6.3329

# Harmonies

## Analogous

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



79.8325, 6.4435, -8.7745



79.8307, 11.7515, -1.4083



79.8325, 12.6685, 6.8320

# Triad

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



79.8325, 11.7492, -1.4068



79.8325, -6.9036, 18.3267



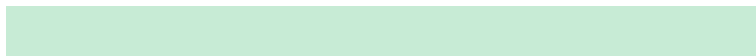
79.8325, -16.6307, -6.2342

# Complementary

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



79.8307, 11.7515, -1.4083



87.3868, -19.5950, 10.7912

# 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.



79.8325, -19.8931, 1.7764



79.8307, 11.7515, -1.4083



79.8325, -14.4352, 15.5586

# Square

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



79.8325, 11.7492, -1.4068



79.8325, 1.6552, 17.6669



79.8325, -19.1066, 9.6993



79.8325, -10.0155, -11.7594



# Rectangle

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



79.8307, 11.7515, -1.4083



79.8325, 10.6331, 11.6407



79.8325, -19.1066, 9.6993



79.8325, -18.1429, -3.7105

# Sweetspot

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



79.8325, 11.7492, -1.4068



95.8217, 0.5790, 3.0725



78.0797, 6.9382, -11.4499



44.0635, 0.6547, 1.2704

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.8325, 11.7492, -1.4068



85.4594, 16.2327, -2.7210



79.2674, 8.7568, 6.6412



38.9984, 2.4794, 0.4399



33.1202, 60.1601, -5.2715



9.3815, 17.2201, -2.8828



# Inverse Universe

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



79.8325, 11.7492, -1.4068



85.4594, 16.2327, -2.7210



87.9309, -16.5310, 3.0158



38.9984, 2.4794, 0.4399



33.1202, 60.1601, -5.2715



9.3815, 17.2201, -2.8828



# Previews

## White Background



This preview shows how the HunterLab color 79.8307, 11.7515, -1.4083 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

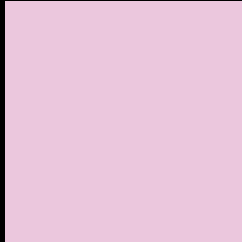
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.8307, 11.7515, -1.4083 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

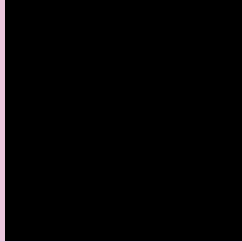
Any Text WCAG AA ✓ Pass

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 79.8307, 11.7515, -1.4083 Background



This preview shows how black text looks on a background with the HunterLab color 79.8307, 11.7515, -1.4083.



This preview shows how white text looks on a background with the HunterLab color 79.8307, 11.7515, -1.4083.

-1.4083.

# 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

79.8307, 11.7515, -1.4083

### Protanopia

80.0079, -1.0301, -4.0373

### Deuteranopia

79.8289, 5.6745, -0.9997



## Tritanopia

79.8491, 9.9969, 1.1390

# Trichromacy



## Original Color

79.8307, 11.7515, -1.4083

## Protanomaly

79.9687, 3.3556, -2.9503

## Deuteranomaly

79.9389, 7.5571, -0.8297

## Tritanomaly

79.9143, 10.3421, 0.2126

# Monochromacy



## Original Color

79.8307, 11.7515, -1.4083

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

80.4659, 1.3659, 2.2356

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.8307, 11.7515, -1.4083 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(235, 199, 221)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 221)  
}
```

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(235, 199, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 221) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.8307, 11.7515, -1.4083 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(235, 199, 221) }
```



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

```
.border{ border-color:rgb(235, 199, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 199, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 199, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 199,  
221) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.8307, 11.7515, -1.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 221) }
```

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

```
.background{ background-color: rgb(235,  
199, 221) }
```

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