

# Converting Colors

HunterLab(84.2324, -7.0175,  
18.3233)

Have a look what the booklet for  
HunterLab(84.2324, -7.0175,  
18.3233) contains.

<b>HunterLab(84.3494, -7.2040, 18.4072)</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(84.3494, -7.2040,  
18.4072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3DCBC
RGB	227, 220, 188
RGB Percent	89%, 86%, 74%
CMY	0.1098, 0.1372, 0.2627
CMYK	0.00, 0.03, 0.17, 0.11
HSL	49°, 41%, 81%
HSV	49°, 17%, 89%
XYZ	66.3489, 71.1482, 57.8131
YIQ	218.4450, 14.4440, -8.4680

# Conversions

## Conversions Part 2

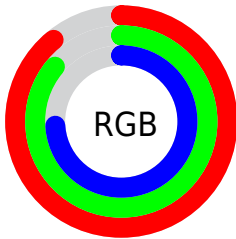
Format	Color
<a href="#">RYB</a>	<a href="#">197, 227, 188</a>
Decimal	<a href="#">14933180</a>
CIELab	<a href="#">87.56, -2.83, 16.60</a>
CIELCh	<a href="#">88, 16.835, 99.664</a>
Yxy	<a href="#">71.1514, 0.3397, 0.3643</a>
Android (android.graphics.Color)	<a href="#">4293123260 (0xFFE3DCBC)</a>
YUV	<a href="#">218.4450, -15.0094, 7.5027</a>
Hunter-Lab	<a href="#">84.3494, -7.2040, 18.4072</a>

# Details

The HunterLab color  $84.3494, -7.2040, 18.4072$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $74.3415, -0.1530, -12.1536$ , and the grayscale version is  $83.9847, -4.4812, 4.5630$ .

A 20% lighter version of the original color is  $99.6552, -7.2278, 10.3599$ , and  $61.0880, -5.7355, 15.2947$  is the 20% darker color. If you saturate the color by 10%, you get  $82.5449, -8.1390, 25.0490$ , and if you desaturate by 10%, it is  $86.2393, -5.8743, 10.8023$ .

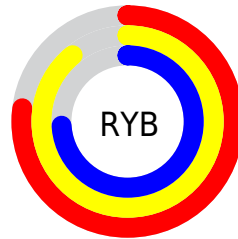
# Distribution



Red (89%)

Green (86%)

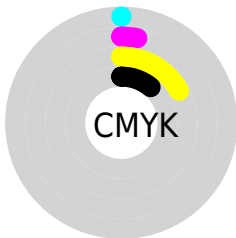
Blue (74%)



Red (77%)

Yellow (89%)

Blue (74%)

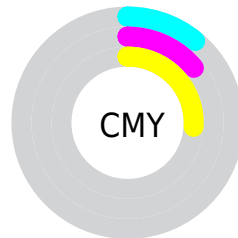


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.3494, -7.2040, 18.4072 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 84.3494, -7.2040, 18.4072 by changing the saturation by 10% instead.



■ 84.3494, -7.2040,  
18.4072

■ 84.3494, -7.2040,  
18.4072

215.5417,  
-15.2160, 31.4767

■ 72.4332, -6.4344,  
16.9416

■ 109.9314, -8.8250,  
21.3114

■ 61.1363, -5.6880,  
15.4566

123.5436, -9.6705,  
22.7561

■ 50.4966, -4.9677,  
13.9446

137.6754,  
-10.5393, 24.2003

■ 40.5577, -4.2739,  
12.3929

152.3084,  
-11.4309, 25.6461

■ 31.3730, -3.6067,  
10.7827

167.4259,  
-12.3449, 27.0954

■ 23.0103, -2.9655,  
9.0845

183.0130,

■ 15.5603, -2.3484,

-13.2807, 28.5495

7.2487

199.0558,  
-14.2378, 30.0096

■ 9.1475, -1.8349,  
6.4033

0.0000, NaN, NaN

■ 84.3494, -7.2040,  
18.4072

■ 84.3494, -7.2040,  
18.4072

■ 82.5449, -8.1390,  
25.0490

■ 86.2393, -5.8743,  
10.8023

■ 80.8211, -8.6662,  
30.7020

■ 88.2077, -4.1519,  
2.2602

■ 79.1799, -8.7860,  
35.3542

■ 90.2156, -2.2657,  
-6.6258

■ 77.6211, -8.5013,  
39.0047

■ 91.4933, -4.4101,  
-5.0077

76.1432, -7.8214,  
41.6682

92.7823, -6.5441,  
-3.3990

74.7436, -6.7634,  
43.3797

94.0822, -8.6677,  
-1.7999

73.4182, -5.3550,  
44.2022

95.3928, -10.7808,  
-0.2101

72.1593, -3.6426,  
44.2494

96.7139, -12.8837,  
1.3702

71.8115, -3.1321,  
44.1951

97.5044, -14.1294,  
2.3057

# Harmonies

## Analogous

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



84.3513, 1.1959, 17.7953



84.3494, -7.2040, 18.4072



84.3513, -14.5938, 15.6090

# Triad

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



84.3513, -7.2064, 18.4083



84.3513, -16.6116, -5.8438



84.3513, 11.2209, -0.9387

# Complementary

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



84.3494, -7.2040, 18.4072



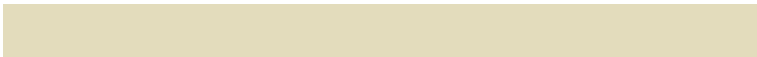
74.3415, -0.1530, -12.1536

# Split Complementary

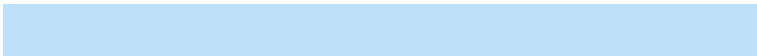
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3513, 6.0808, -8.1473



84.3494, -7.2040, 18.4072



84.3513, -10.0589, -11.1662

# Square

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



84.3513, -7.2064, 18.4083



84.3513, -19.8815, 1.9645



84.3513, -1.7698, -12.0482



84.3513, 12.0579, 7.1366



# Rectangle

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



84.3494, -7.2040, 18.4072



84.3513, -18.0305, 12.0065



84.3513, -1.7698, -12.0482



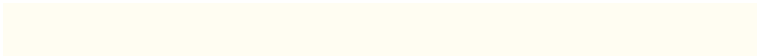
84.3513, 9.9297, -3.5645

# Sweetspot

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



84.3513, -7.2064, 18.4083



98.8713, -6.3175, 10.3205



74.9969, 10.4426, 5.5076



45.6699, -2.9824, 5.0826

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.3513, -7.2064, 18.4083



95.4161, -8.6981, 24.1334



85.4189, -14.7628, 19.3519



40.4405, -2.9283, 5.9487



54.9831, -2.6296, 33.8343



15.3274, -1.3421, 9.4212



# Inverse Universe

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



74.3415, -0.1530, -12.1536



81.4345, 1.2077, -18.6803



73.3766, 7.2416, -13.3809



37.8194, -1.0940, -2.0247



20.6601, 38.1747, -108.2316

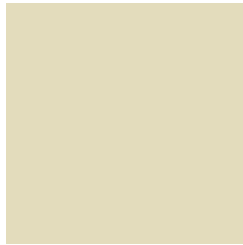


6.6151, 7.2267, -23.8686



# Previews

## White Background



This preview shows how the HunterLab color 84.3494, -7.2040, 18.4072 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

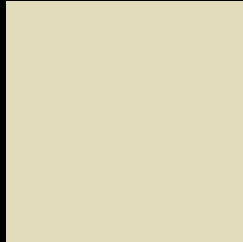
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.3494, -7.2040, 18.4072 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

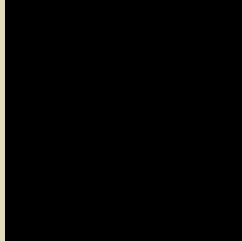
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

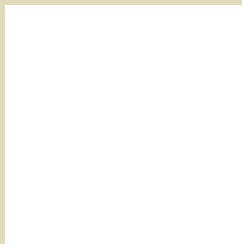
Any Text WCAG AAA ✓ Pass

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

## HunterLab 84.3494, -7.2040, 18.4072 Background



This preview shows how black text looks on a background with the HunterLab color 84.3494, -7.2040, 18.4072.



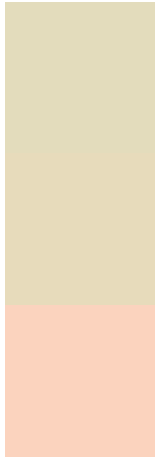
This preview shows how white text looks on a background with the HunterLab color 84.3494, -7.2040,



# 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

84.3494, -7.2040, 18.4072

### Protanopia

84.4037, -5.4707, 18.8882

### Deuteranopia

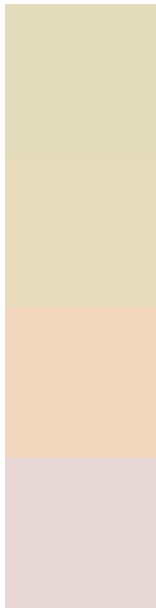
84.1519, 6.2474, 17.6407



## Tritanopia

84.3720, 4.8324, -1.0525

# Trichromacy



## Original Color

84.3494, -7.2040, 18.4072

## Protanomaly

84.3053, -5.8141, 18.7831

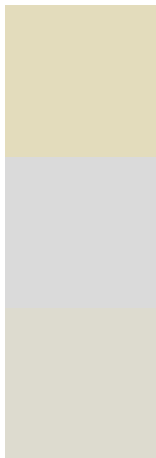
## Deuteranomaly

84.0503, 1.2541, 17.8520

## Tritanomaly

84.2656, 0.3430, 6.6951

# Monochromacy



## Original Color

84.3494, -7.2040, 18.4072

## Achromatopsia

83.7318, -4.4677, 4.5493

## Achromatomaly

83.9882, -5.8323, 9.9788

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.3494, -7.2040, 18.4072 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, 220, 188)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 188)  
}
```

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, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 188) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.3494, -7.2040, 18.4072 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, 220, 188) }
```



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

```
.border{ border-color:rgb(227, 220, 188) }
```

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

Here you see how a box with a 4 pixel rgb(227, 220, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 188);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
188) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.3494, -7.2040, 18.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 188) }
```

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

```
.background{ background-color: rgb(227,  
220, 188) }
```

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