

Converting Colors

HunterLab(85.4202, -6.3538,
17.0998)

Have a look what the booklet for
HunterLab(85.4202, -6.3538,
17.0998) contains.

HunterLab(85.4170, -6.3486, 17.0950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(85.4170, -6.3486,
17.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DEC2
RGB	230, 222, 194
RGB Percent	90%, 87%, 76%
CMY	0.0980, 0.1294, 0.2392
CMYK	0.00, 0.03, 0.16, 0.10
HSL	47°, 42%, 83%
HSV	47°, 16%, 90%
XYZ	68.4921, 72.9606, 61.5119
YIQ	221.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

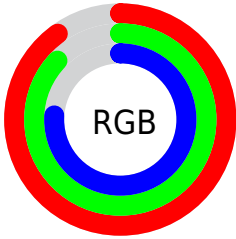
Format	Color
R _Y B	204, 230, 194
Decimal	15130306
CIE Lab	88.43, -1.86, 14.72
CIE LCh	88, 14.834, 97.202
Yxy	72.9639, 0.3375, 0.3595
Android (android.graphics.Color)	4293320386 (0xFFE6DEC2)
YUV	221.2000, -13.4096, 7.7176
Hunter-Lab	85.4170, -6.3486, 17.0950

Details

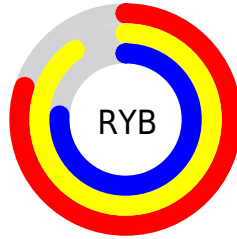
The HunterLab color $85.4170, -6.3486, 17.0950$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $77.0860, -1.4028, -10.1052$, and the grayscale version is $85.1733, -4.5446, 4.6276$.

A 20% lighter version of the original color is $99.8724, -6.0350, 7.2541$, and $62.0722, -5.0790, 14.4608$ is the 20% darker color. If you saturate the color by 10%, you get $83.2685, -6.8729, 23.7554$, and if you desaturate by 10%, it is $87.6547, -5.4345, 9.5134$.

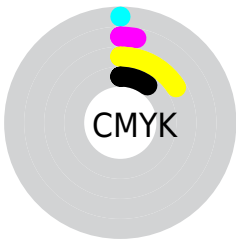
Distribution



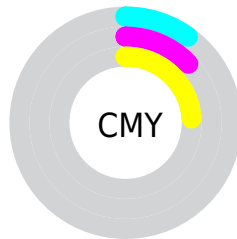
- Red (90%)
- Green (87%)
- Blue (76%)



- Red (80%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.4170, -6.3486, 17.0950 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 85.4170, -6.3486, 17.0950 by changing the saturation by 10% instead.

85.4170, -6.3486,
17.0950

85.4170, -6.3486,
17.0950

216.9999,
-14.0355, 29.4639

73.4482, -5.6231,
15.7288

111.0972, -7.8876,
19.8178

62.0958, -4.9233,
14.3505

124.7555, -8.6946,
21.1787

51.3972, -4.2527,
12.9541

138.9317, -9.5264,
22.5430

41.3952, -3.6123,
11.5293

153.6075,
-10.3824, 23.9123

32.1422, -3.0032,
10.0607

168.7666,
-11.2618, 25.2880

23.7047, -2.4263,
8.5242

184.3939,

16.1707, -1.8821,

-12.1642, 26.6713

6.8785

200.4759,
-13.0889, 28.0631

■ 9.6652, -1.3696,
6.7656

0.0000, NaN, NaN

■ 85.4170, -6.3486,
17.0950

■ 85.4170, -6.3486,
17.0950

■ 83.2685, -6.8729,
23.7554

■ 87.6547, -5.4345,
9.5134

■ 81.2053, -6.9909,
29.4596

■ 89.9738, -4.1354,
1.0438

■ 79.2308, -6.6990,
34.1850

■ 92.0885, -4.0256,
-4.2380

■ 77.3457, -5.9963,
37.9188

■ 93.7063, -6.7066,
-2.2364

■ 75.5498, -4.8878,
40.6625

■ 95.3412, -9.3715,
-0.2492

■ 73.8418, -3.3867,
42.4375

■ 96.9927, -12.0201,
1.7239

■ 72.2189, -1.5169,
43.2930

■ 97.7564, -13.2309,
2.6251

■ 70.6753, 0.6821,
43.3208

■ 70.0222, 1.7021,
43.1771

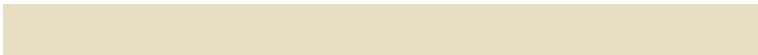
Harmonies

Analogous

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



85.4189, 1.0606, 16.2839



85.4170, -6.3486, 17.0950



85.4189, -13.0535, 14.8086

Triad

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



85.4189, -6.3510, 17.0962



85.4189, -15.6773, -4.0082



85.4189, 9.0510, -0.8020

Complementary

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



85.4170, -6.3486, 17.0950



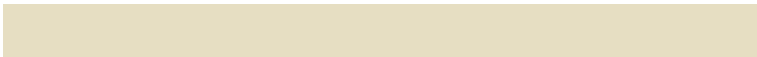
77.0860, -1.4028, -10.1052

Split Complementary

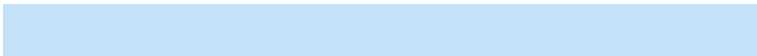
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4189, 4.2741, -6.9342



85.4170, -6.3486, 17.0950



85.4189, -10.0434, -8.8933

Square

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



85.4189, -6.3510, 17.0962



85.4189, -18.3170, 2.9233



85.4189, -2.7588, -10.0075



85.4189, 10.1218, 6.3406

Rectangle

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



85.4170, -6.3486, 17.0950



85.4189, -16.2751, 11.7078



85.4189, -2.7588, -10.0075



85.4189, 7.8177, -3.0675

Sweetspot

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



85.4189, -6.3510, 17.0962



98.6977, -6.0306, 10.1298



77.2599, 9.5036, 4.7013



45.5783, -2.8312, 4.9826

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.4189, -6.3510, 17.0962



95.1781, -7.3931, 21.9254



87.0445, -13.5555, 18.6334



40.3058, -2.7068, 5.8064



52.8658, 0.9689, 32.5926



14.8306, -0.5207, 9.1294

Inverse Universe

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



77.0860, -1.4028, -10.1052



83.7893, -0.5974, -15.3250



75.5505, 5.6903, -12.0974



37.9521, -1.3174, -1.8583



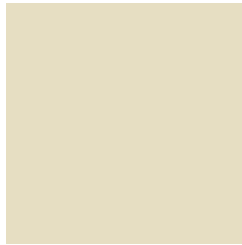
21.7443, 34.4583, -101.5640



6.9709, 6.2633, -22.2336

Previews

White Background



This preview shows how the HunterLab color 85.4170, -6.3486, 17.0950 looks on a white background.

Color Contrast Check

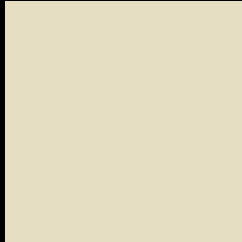
Large Text (above 18pt) WCAG AA × Fail

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 85.4170, -6.3486, 17.0950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

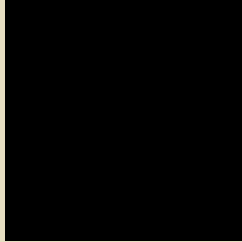
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

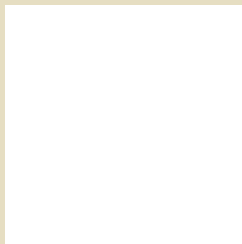
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.4170, -6.3486, 17.0950 Background



This preview shows how black text looks on a background with the HunterLab color 85.4170, -6.3486, 17.0950.

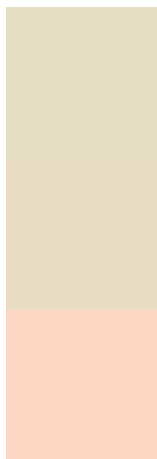


This preview shows how white text looks on a background with the HunterLab color 85.4170, -6.3486,

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

85.4170, -6.3486, 17.0950

Protanopia

85.3017, -5.1566, 16.9970

Deuteranopia

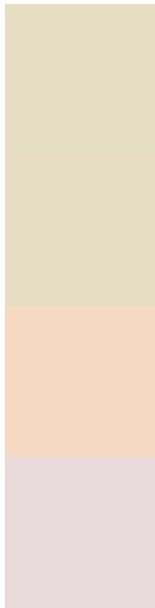
85.4174, 6.2435, 16.4929



Tritanopia

85.2391, 4.8004, -1.0142

Trichromacy



Original Color

85.4170, -6.3486, 17.0950

Protanomaly

85.2038, -5.4979, 16.8899

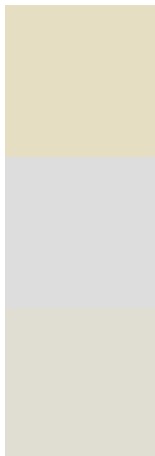
Deuteranomaly

85.4273, 1.6131, 16.8351

Tritanomaly

85.1944, 0.6371, 5.8673

Monochromacy



Original Color

85.4170, -6.3486, 17.0950

Achromatopsia

85.0326, -4.5371, 4.6200

Achromatomaly

85.0078, -5.2319, 9.3065

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.4170, -6.3486, 17.0950 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, 222, 194)` looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 194)  
}
```

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, 222, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 85.4170, -6.3486, 17.0950 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, 222, 194) }
```


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

```
.border{ border-color:rgb(230, 222, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 194);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.4170, -6.3486, 17.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 194) }
```

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

```
.background{ background-color: rgb(230,  
222, 194) }
```

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