

Converting Colors

HunterLab(84.5195, -6.1117,
11.0693)

Have a look what the booklet for
HunterLab(84.5195, -6.1117,
11.0693) contains.

HunterLab(84.4574, -5.8475, 10.9478)	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(84.4574, -5.8475,
10.9478)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDCCE
RGB	223, 220, 206
RGB Percent	87%, 86%, 81%
CMY	0.1255, 0.1372, 0.1922
CMYK	0.00, 0.01, 0.08, 0.13
HSL	49°, 21%, 84%
HSV	49°, 8%, 87%
XYZ	67.1651, 71.3305, 68.6206
YIQ	219.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

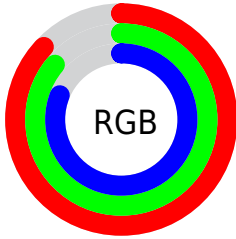
Format	Color
R_{YB}	210, 223, 206
Decimal	14671054
CIE _{Lab}	87.65, -1.40, 7.23
CIE _{LCh}	88, 7.361, 100.928
Yxy	71.3336, 0.3243, 0.3444
Android (android.graphics.Color)	4292861134 (0xFFDFDCCE)
YUV	219.3010, -6.5574, 3.2440
Hunter-Lab	84.4574, -5.8475, 10.9478

Details

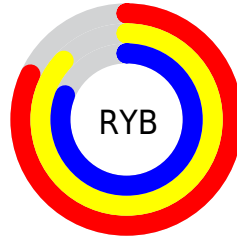
The HunterLab color $84.4574, -5.8475, 10.9478$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80.0308, -2.7217, -2.4531$, and the grayscale version is $84.3227, -4.4992, 4.5814$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $61.2390, -4.3596, 8.8985$ is the 20% darker color. If you saturate the color by 10%, you get $82.6358, -7.1723, 18.3758$, and if you desaturate by 10%, it is $86.3613, -4.1439, 2.6013$.

Distribution



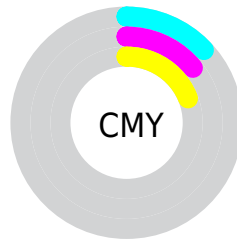
- Red (87%)
- Green (86%)
- Blue (81%)



- Red (82%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.4574, -5.8475, 10.9478 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 84.4574, -5.8475, 10.9478 by changing the saturation by 10% instead.

■ 84.4574, -5.8475,
10.9478

■ 84.4574, -5.8475,
10.9478

215.6893,
-13.3526, 20.5890

■ 72.5359, -5.1462,
9.9595

110.0494, -7.3407,
12.9739

■ 61.2333, -4.4722,
8.9834

123.6662, -8.1262,
14.0107

■ 50.5876, -3.8289,
8.0189

137.8025, -8.9374,
15.0642

■ 40.6423, -3.2177,
7.0626

152.4398, -9.7734,
16.1348

■ 31.4506, -2.6401,
6.1093

167.5616,
-10.6336, 17.2226

■ 23.0803, -2.0977,
5.1503

183.1527,

■ 15.6217, -1.5921,

-11.5172, 18.3275

4.1696

199.1995,
-12.4237, 19.4497

■ 9.2008, -1.1523,
3.7570

0.0000, NaN, NaN

■ 84.4574, -5.8475,
10.9478

■ 84.4574, -5.8475,
10.9478

■ 82.6358, -7.1723,
18.3758

■ 86.3613, -4.1439,
2.6013

■ 80.8921, -8.1032,
24.8535

■ 88.3406, -2.0662,
-6.6343

■ 79.2289, -8.6368,
30.3613

■ 89.7251, -3.2760,
-7.2856

■ 77.6464, -8.7717,
34.8876

■ 90.9619, -5.3381,
-5.7096

76.1440, -8.5111,
38.4328

92.2090, -7.3904,
-4.1429

74.7202, -7.8646,
41.0124

93.4664, -9.4328,
-2.5856

73.3725, -6.8495,
42.6625

94.7336, -11.4654,
-1.0375

72.0965, -5.4934,
43.4464

96.0105, -13.4883,
0.5014

70.8843, -3.8448,
43.4840

97.1741, -15.3104,
1.8861

Harmonies

Analogous

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



84.4592, -2.1842, 10.7207



84.4574, -5.8475, 10.9478



84.4592, -9.1013, 9.5312

Triad

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



84.4592, -5.8497, 10.9491



84.4592, -9.7961, 0.0631



84.4592, 2.2880, 2.3660

Complementary

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



84.4574, -5.8475, 10.9478



80.0308, -2.7217, -2.4531

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.



84.4592, 0.1794, -0.6534



84.4574, -5.8475, 10.9478



84.4592, -6.8130, -2.0218

Square

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



84.4592, -5.8497, 10.9491



84.4592, -11.3537, 3.3100



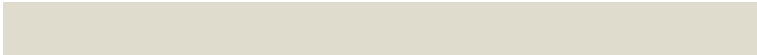
84.4592, -3.1641, -2.2895



84.4592, 2.5566, 5.8648

Rectangle

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



84.4574, -5.8475, 10.9478



84.4592, -10.6130, 7.8062



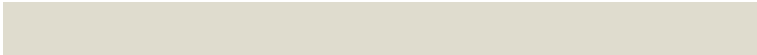
84.4592, -3.1641, -2.2895



84.4592, 1.7692, 1.2574

Sweetspot

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



84.4592, -5.8497, 10.9491



99.5509, -5.7502, 7.4258



80.2750, 1.8888, 4.8888



46.0670, -2.6510, 3.3903

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.4592, -5.8497, 10.9491



98.0080, -7.0599, 14.0616



84.8992, -9.1195, 11.3754



39.4931, -2.8732, 5.8093



54.2750, -2.8619, 33.3939



14.6664, -1.3725, 9.0133

Inverse Universe

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



80.0308, -2.7217, -2.4531



91.8855, -2.7321, -4.4750



79.6096, 0.5185, -2.9296



36.9213, -1.0549, -1.9780



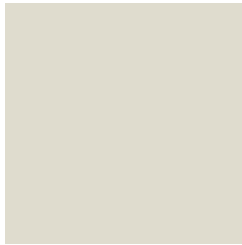
20.2804, 37.7536, -106.8479



6.3441, 6.7786, -22.5627

Previews

White Background



This preview shows how the HunterLab color 84.4574, -5.8475, 10.9478 looks on a white background.

Color Contrast Check

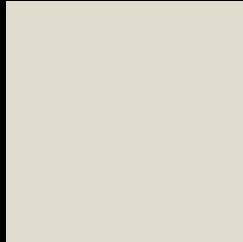
Large Text (above 18pt) WCAG AA × Fail

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 84.4574, -5.8475, 10.9478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

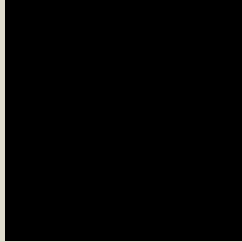
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

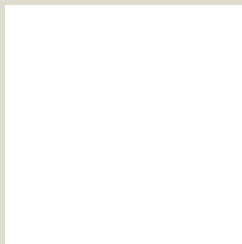
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.4574, -5.8475, 10.9478 Background



This preview shows how black text looks on a background with the HunterLab color 84.4574, -5.8475, 10.9478.

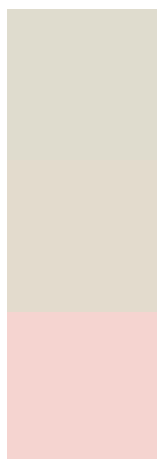


This preview shows how white text looks on a background with the HunterLab color 84.4574, -5.8475,

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

84.4574, -5.8475, 10.9478

Protanopia

84.4995, -4.1661, 11.4690

Deuteranopia

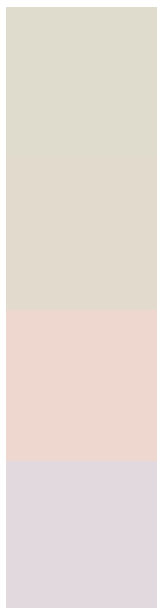
84.2932, 6.1930, 10.0758



Tritanopia

84.4546, 2.1455, -2.0422

Trichromacy



Original Color

84.4574, -5.8475, 10.9478

Protanomaly

84.4035, -4.4998, 11.3579

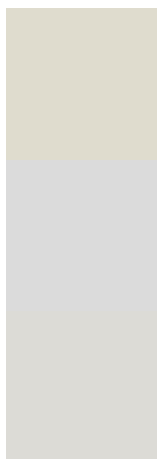
Deuteranomaly

84.3270, 1.6339, 10.4857

Tritanomaly

84.3340, -0.4899, 2.8771

Monochromacy



Original Color

84.4574, -5.8475, 10.9478

Achromatopsia

84.1651, -4.4908, 4.5728

Achromatomaly

84.1033, -5.0141, 6.8875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.4574, -5.8475, 10.9478 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(223, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 206)  
}
```

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(223, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 84.4574, -5.8475, 10.9478 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(223, 220, 206) }
```


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

```
.border{ border-color:rgb(223, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.4574, -5.8475, 10.9478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 206) }
```

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

```
.background{ background-color: rgb(223,  
220, 206) }
```

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