

Converting Colors

HunterLab(87.5075, -8.4310,
17.6322)

Have a look what the booklet for
HunterLab(87.5075, -8.4310,
17.6322) contains.

HunterLab(87.4945, -8.4879, 17.5614)	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(87.4945, -8.4879,
17.5614)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E4C6
RGB	231, 228, 198
RGB Percent	91%, 89%, 78%
CMY	0.0941, 0.1059, 0.2235
CMYK	0.00, 0.01, 0.14, 0.09
HSL	55°, 41%, 84%
HSV	55°, 14%, 91%
XYZ	70.8914, 76.5529, 64.4658
YIQ	225.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

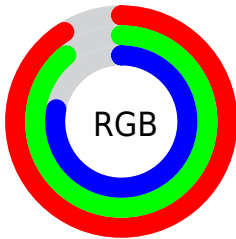
Format	Color
R_{YB}	201, 231, 198
Decimal	15197382
CIE _{Lab}	90.12, -3.95, 15.02
CIE _{LCh}	90, 15.531, 104.751
Yxy	76.5563, 0.3345, 0.3613
Android (android.graphics.Color)	4293387462 (0xFFE7E4C6)
YUV	225.4770, -13.5462, 4.8437
Hunter-Lab	87.4945, -8.4879, 17.5614

Details

The HunterLab color $87.4945, -8.4879, 17.5614$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $77.1669, 0.5071, -10.5288$, and the grayscale version is $87.0353, -4.6440, 4.7288$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.0427, -7.1177, 14.9108$ is the 20% darker color. If you saturate the color by 10%, you get $86.2691, -10.5716, 25.1345$, and if you desaturate by 10%, it is $88.8062, -5.9775, 8.8994$.

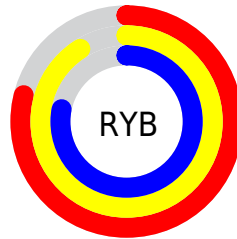
Distribution



Red (91%)

Green (89%)

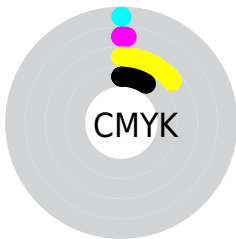
Blue (78%)



Red (79%)

Yellow (91%)

Blue (78%)

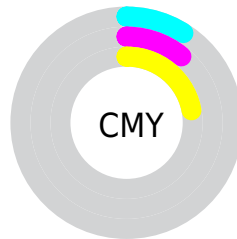


Cyan (0%)

Magenta (1%)

Yellow (14%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4945, -8.4879, 17.5614 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 87.4945, -8.4879, 17.5614 by changing the saturation by 10% instead.

■ 87.4945, -8.4879,
17.5614

■ 87.4945, -8.4879,
17.5614

219.8294,
-16.9510, 30.0492

■ 75.4246, -7.6579,
16.1809

113.3635,
-10.2218, 20.3123

■ 63.9656, -6.8481,
14.7883

127.1105,
-11.1204, 21.6869

■ 53.1539, -6.0607,
13.3778

141.3722,
-12.0405, 23.0646

■ 43.0311, -5.2955,
11.9394

156.1307,
-12.9817, 24.4471

■ 33.6476, -4.5515,
10.4583

171.3697,
-13.9437, 25.8359

■ 25.0671, -3.8269,
8.9116

187.0746,

■ 17.3732, -3.1175,

-14.9262, 27.2319

7.2611

203.2320,
-15.9287, 28.6361

■ 10.6831, -2.4144,
6.5377

■ 1.1380, -1.9915,
0.7966

■ 87.4945, -8.4879,
17.5614

■ 87.4945, -8.4879,
17.5614

■ 86.2691, -10.5716,
25.1345

■ 88.8062, -5.9775,
8.8994

■ 85.1235, -12.2201,
31.6075

■ 90.1988, -3.0383,
-0.8379

■ 84.0582, -13.4391,
36.9851

■ 91.2267, -2.1113,
-5.3109

■ 83.0711, -14.2368,
41.2841

■ 91.8836, -3.2188,
-4.4859

■ 82.1593, -14.6276,
44.5370

■ 92.5436, -4.3236,
-3.6632

■ 81.3186, -14.6331,
46.7952

■ 93.2065, -5.4257,
-2.8430

■ 80.5435, -14.2837,
48.1340

■ 93.8723, -6.5250,
-2.0251

■ 79.8266, -13.6225,
48.6624

■ 94.5410, -7.6216,
-1.2096

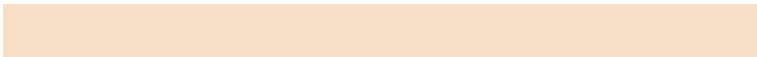
■ 79.4351, -13.1495,
48.7173

■ 95.2125, -8.7155,
-0.3964

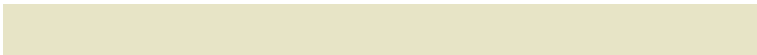
Harmonies

Analogous

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



87.4964, -0.6604, 17.5353



87.4945, -8.4879, 17.5614



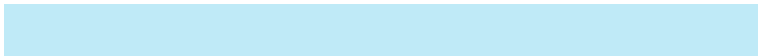
87.4964, -15.0668, 14.3748

Triad

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



87.4964, -8.4903, 17.5626



87.4964, -15.1553, -5.9818



87.4964, 10.3990, 0.8941

Complementary

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



87.4945, -8.4879, 17.5614



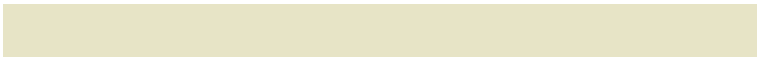
77.1669, 0.5071, -10.5288

Split Complementary

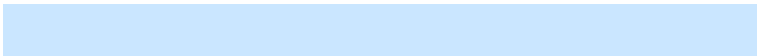
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.4964, 6.2292, -6.0812



87.4945, -8.4879, 17.5614



87.4964, -8.6151, -10.2832

Square

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



87.4964, -8.4903, 17.5626



87.4964, -18.8215, 1.0204



87.4964, -0.7897, -10.3211



87.4964, 10.4353, 8.3467

Rectangle

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



87.4945, -8.4879, 17.5614



87.4964, -17.9344, 10.6790



87.4964, -0.7897, -10.3211



87.4964, 9.4279, -1.5981

Sweetspot

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



87.4964, -8.4903, 17.5626



99.3837, -6.6062, 9.6835



78.4915, 7.5652, 6.6176



45.9266, -3.1629, 4.8398

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4964, -8.4903, 17.5626



97.4839, -10.2001, 22.1478



87.2378, -14.2999, 17.1942



40.7206, -3.3870, 6.2434



59.5570, -9.9707, 36.5242



16.3918, -3.0212, 10.0477

Inverse Universe

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



77.1669, 0.5071, -10.5288



83.7044, 1.8334, -15.4028



77.4836, 6.1743, -9.9970



37.5451, -0.6299, -2.3705



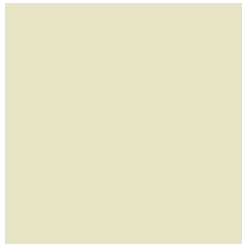
19.0027, 44.4705, -119.7508



5.8267, 9.6481, -28.1104

Previews

White Background



This preview shows how the HunterLab color 87.4945, -8.4879, 17.5614 looks on a white background.

Color Contrast Check

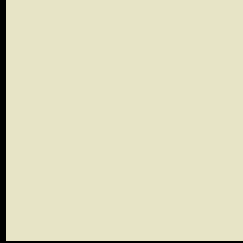
Large Text (above 18pt) WCAG AA × Fail

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 87.4945, -8.4879, 17.5614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

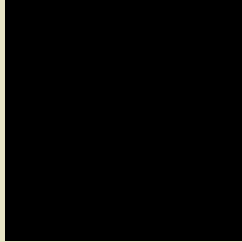
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

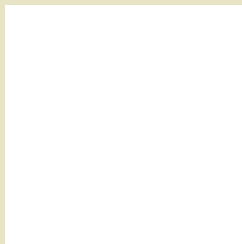
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.4945, -8.4879, 17.5614 Background



This preview shows how black text looks on a background with the HunterLab color 87.4945, -8.4879, 17.5614.



This preview shows how white text looks on a background with the HunterLab color 87.4945, -8.4879,

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

87.4945, -8.4879, 17.5614

Protanopia

87.4234, -5.5749, 17.9478

Deuteranopia

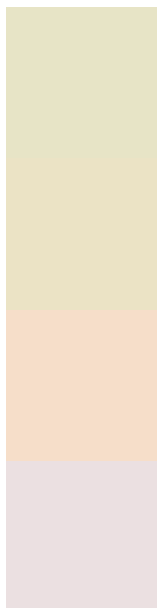
87.3126, 5.3378, 15.5285



Tritanopia

87.4862, 3.5439, -1.8982

Trichromacy



Original Color

87.4945, -8.4879, 17.5614

Protanomaly

87.5395, -6.7716, 18.0459

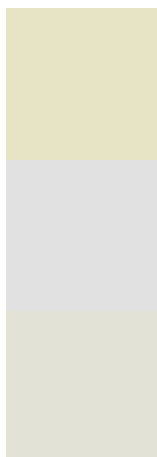
Deuteranomaly

87.2080, 0.2225, 16.1727

Tritanomaly

87.4127, -0.8256, 5.5323

Monochromacy



Original Color

87.4945, -8.4879, 17.5614

Achromatopsia

86.7722, -4.6299, 4.7145

Achromatomaly

86.9655, -6.1706, 9.6490

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4945, -8.4879, 17.5614 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(231, 228, 198)` looks like.

```
.text, #text, p{  
    color:rgb(231, 228, 198)  
}
```

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(231, 228, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 228, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4945, -8.4879, 17.5614 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(231, 228, 198) }
```


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

```
.border{ border-color:rgb(231, 228, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 228, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 228, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 228, 198);  
box-shadow:4px 4px 4px 4px rgb(231, 228,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4945, -8.4879, 17.5614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 228, 198) }
```

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

```
.background{ background-color: rgb(231,  
228, 198) }
```

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