

Converting Colors

HunterLab(87.8681, -9.1006,
15.4889)

Have a look what the booklet for
HunterLab(87.8681, -9.1006,
15.4889) contains.

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Color

**HunterLab(87.7817, -8.7721,
15.3522)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E5CC
RGB	229, 229, 204
RGB Percent	90%, 90%, 80%
CMY	0.1020, 0.1019, 0.2000
CMYK	0.00, 0.00, 0.11, 0.10
HSL	60°, 32%, 85%
HSV	60°, 11%, 90%
XYZ	71.2315, 77.0563, 68.2459
YIQ	226.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

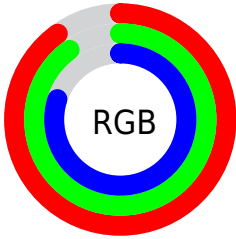
Format	Color
R _Y B	204, 229, 204
Decimal	15066572
CIE Lab	90.35, -4.23, 12.20
CIE LCh	90, 12.912, 109.127
Yxy	77.0596, 0.3290, 0.3559
Android (android.graphics.Color)	4293256652 (0xFFE5E5CC)
YUV	226.1500, -10.9200, 2.4994
Hunter-Lab	87.7817, -8.7721, 15.3522

Details

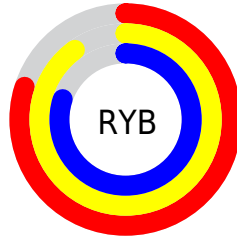
The HunterLab color $87.7817, -8.7721, 15.3522$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78.5381, 0.3812, -7.5629$, and the grayscale version is $87.3187, -4.6591, 4.7442$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.3105, -7.4185, 12.8963$ is the 20% darker color. If you saturate the color by 10%, you get $87.2007, -12.0054, 23.7617$, and if you desaturate by 10%, it is $88.4541, -5.0850, 5.7512$.

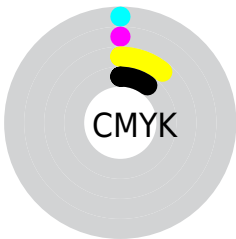
Distribution



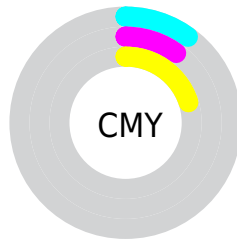
- Red (90%)
- Green (90%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7817, -8.7721, 15.3522 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 87.7817, -8.7721, 15.3522 by changing the saturation by 10% instead.

■ 87.7817, -8.7721,
15.3522

■ 87.7817, -8.7721,
15.3522

220.2197,
-17.3374, 26.8091

■ 75.6980, -7.9283,
14.1152

113.6766,
-10.5315, 17.8390

■ 64.2243, -7.1040,
12.8756

127.4357,
-11.4422, 19.0909

■ 53.3972, -6.3013,
11.6296

141.7092,
-12.3739, 20.3511

■ 43.2579, -5.5197,
10.3699

156.4790,
-13.3264, 21.6208

■ 33.8566, -4.7580,
9.0857

171.7290,
-14.2993, 22.9008

■ 25.2566, -4.0141,
7.7600

187.4445,

■ 17.5409, -3.2832,

-15.2923, 24.1919

6.3638

203.6122,
-16.3051, 25.4945

■ 10.8258, -2.5553,
5.4170

■ 1.9658, -3.4401,
1.3760

■ 87.7817, -8.7721,
15.3522

■ 87.7817, -8.7721,
15.3522

■ 87.2007, -12.0054,
23.7617

■ 88.4541, -5.0850,
5.7512

■ 86.7029, -14.7813,
30.9848

■ 89.2139, -0.9384,
-5.0422

■ 86.2876, -17.1104,
37.0443

■ 89.3992, 0.0669,
-7.6558

■ 85.9510, -19.0060,
41.9749

■ 89.3996, 0.0683,
-7.6553

85.6889, -20.4872,
45.8267

89.4000, 0.0697,
-7.6547

85.4962, -21.5794,
48.6657

89.4004, 0.0711,
-7.6541

85.3665, -22.3154,
50.5774

89.4008, 0.0725,
-7.6536

85.2921, -22.7377,
51.6722

89.4012, 0.0739,
-7.6530

85.2604, -22.9173,
52.1359

89.4016, 0.0753,
-7.6524

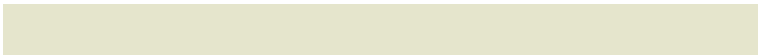
Harmonies

Analogous

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



87.7836, -2.3020, 15.7410



87.7817, -8.7721, 15.3522



87.7836, -14.0038, 12.2570

Triad

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



87.7836, -8.7744, 15.3534



87.7836, -12.7733, -4.7650



87.7836, 8.0156, 2.4899

Complementary

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



87.7817, -8.7721, 15.3522



78.5381, 0.3812, -7.5629

Split Complementary

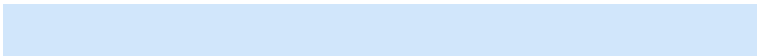
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7836, 5.0319, -3.4225



87.7817, -8.7721, 15.3522



87.7836, -7.0500, -7.8105

Square

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



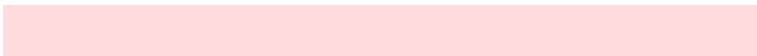
87.7836, -8.7744, 15.3534



87.7836, -16.2654, 0.7643



87.7836, -0.5267, -7.3019



87.7836, 7.5210, 8.6113

Rectangle

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



87.7817, -8.7721, 15.3522



87.7836, -16.1411, 8.9377



87.7836, -0.5267, -7.3019



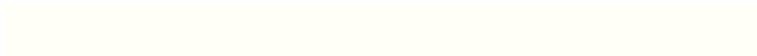
87.7836, 7.3828, 0.4048

Sweetspot

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



87.7836, -8.7744, 15.3534



99.7581, -6.6624, 8.8862



80.1282, 4.1461, 7.1760



46.1235, -3.2427, 4.5285

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7836, -8.7744, 15.3534



99.0175, -10.7439, 19.5089



86.6471, -12.8075, 14.0765



41.0086, -3.8564, 6.5447



64.4672, -17.3281, 39.4211



17.5248, -4.7100, 10.7163

Inverse Universe

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



78.5381, 0.3812, -7.5629



86.5389, 1.6301, -11.4647



79.6994, 4.3238, -5.9629



37.2657, -0.1527, -2.7254



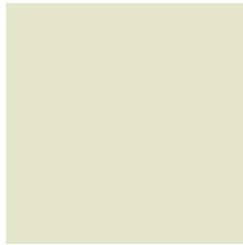
17.9853, 48.7838, -127.7833



4.8896, 13.2617, -34.7324

Previews

White Background



This preview shows how the HunterLab color 87.7817, -8.7721, 15.3522 looks on a white background.

Color Contrast Check

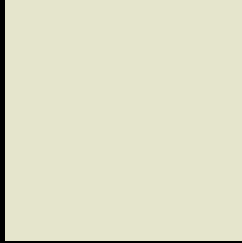
Large Text (above 18pt) WCAG AA × Fail

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 87.7817, -8.7721, 15.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

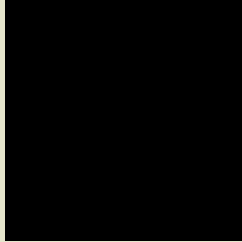
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

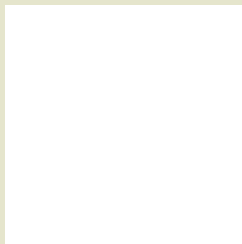
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.7817, -8.7721, 15.3522 Background



This preview shows how black text looks on a background with the HunterLab color 87.7817, -8.7721, 15.3522.

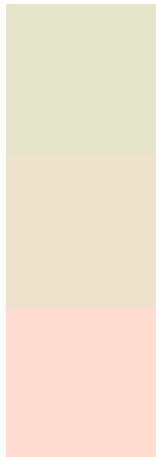


This preview shows how white text looks on a background with the HunterLab color 87.7817, -8.7721, 15.3522.

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

87.7817, -8.7721, 15.3522

Protanopia

87.8945, -5.2113, 15.9565

Deuteranopia

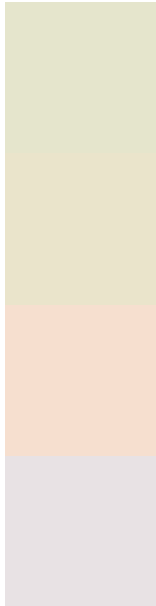
87.7499, 5.5487, 13.8479



Tritanopia

87.8377, 1.6720, -2.0180

Trichromacy



Original Color

87.7817, -8.7721, 15.3522

Protanomaly

87.9153, -6.7427, 15.9515

Deuteranomaly

87.6773, 0.5911, 14.1179

Tritanomaly

87.8350, -2.3544, 4.5370

Monochromacy



Original Color

87.7817, -8.7721, 15.3522

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

87.3676, -6.1943, 8.7140

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7817, -8.7721, 15.3522 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(229, 229, 204)` looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 204)  
}
```

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(229, 229, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7817, -8.7721, 15.3522 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(229, 229, 204) }
```


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

```
.border{ border-color:rgb(229, 229, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 229, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 229, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 229, 204);  
box-shadow:4px 4px 4px 4px rgb(229, 229,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7817, -8.7721, 15.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 204) }
```

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

```
.background{ background-color: rgb(229,  
229, 204) }
```

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](#).

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