

Converting Colors

HunterLab(87.3537, -3.0175,
12.8124)

Have a look what the booklet for
HunterLab(87.3537, -3.0175,
12.8124) contains.

HunterLab(87.4405, -3.2669, 12.9215)	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(87.4405, -3.2669,
12.9215)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE1D1
RGB	237, 225, 209
RGB Percent	93%, 88%, 82%
CMY	0.0706, 0.1176, 0.1804
CMYK	0.00, 0.05, 0.12, 0.07
HSL	34°, 44%, 87%
HSV	34°, 12%, 93%
XYZ	73.3589, 76.4584, 71.2131
YIQ	226.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

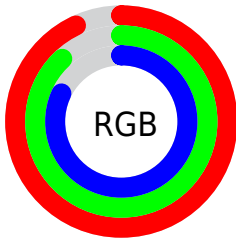
Format	Color
R _Y B	230, 237, 209
Decimal	15589841
CIE Lab	90.07, 1.43, 9.28
CIE LCh	90, 9.389, 81.209
Yxy	76.4618, 0.3319, 0.3459
Android (android.graphics.Color)	4293779921 (0xFFEDED1D1)
YUV	226.7640, -8.7577, 8.9770
Hunter-Lab	87.4405, -3.2669, 12.9215

Details

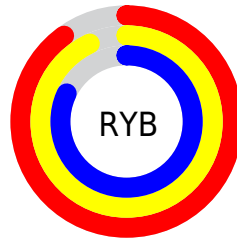
The HunterLab color $87.4405, -3.2669, 12.9215$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84.4874, -5.3766, -4.2595$, and the grayscale version is $87.5761, -4.6728, 4.7582$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.9842, -2.2035, 10.6529$ is the 20% darker color. If you saturate the color by 10%, you get $83.6935, -1.4832, 18.9115$, and if you desaturate by 10%, it is $91.3119, -4.6899, 6.2727$.

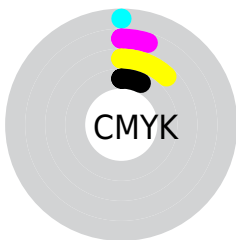
Distribution



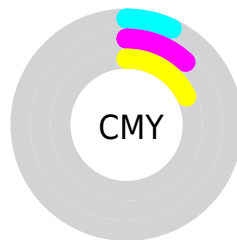
- Red (93%)
- Green (88%)
- Blue (82%)



- Red (90%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4405, -3.2669, 12.9215 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 87.4405, -3.2669, 12.9215 by changing the saturation by 10% instead.

87.4405, -3.2669,
12.9215

87.4405, -3.2669,
12.9215

219.7560, -9.8352,
23.3252

75.3732, -2.6919,
11.8299

113.3047, -4.5250,
15.1399

63.9169, -2.1508,
10.7447

127.0493, -5.2000,
16.2669

53.1082, -1.6486,
9.6642

141.3088, -5.9047,
17.4072

42.9885, -1.1882,
8.5835

156.0652, -6.6378,
18.5614

33.6084, -0.7735,
7.4957

171.3021, -7.3983,
19.7301

25.0315, -0.4098,
6.3892

187.0050, -8.1853,

17.3417, -0.1042,

20.9135

5.2440

203.1604, -8.9978,
22.1119

■ 10.6563, 0.1322,
4.3127

■ 0.9009, 6.8920,
0.6306

■ 87.4405, -3.2669,
12.9215

■ 87.4405, -3.2669,
12.9215

■ 83.6935, -1.4832,
18.9115

■ 91.3119, -4.6899,
6.2727

■ 80.0737, 0.6915,
24.1803

■ 95.2464, -6.0300,
-0.3076

■ 76.5923, 3.2759,
28.6691

■ 98.3589, -11.0926,
3.3852

■ 73.2587, 6.2867,
32.3190

■ 70.0828, 9.7336,
35.0769

■ 67.0739, 13.6158,
36.9027

■ 64.2407, 17.9170,
37.7802

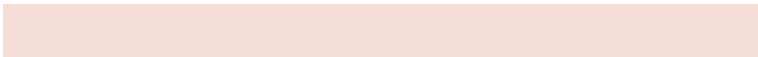
■ 61.5895, 22.5982,
37.7363

■ 59.5511, 26.6373,
37.1614

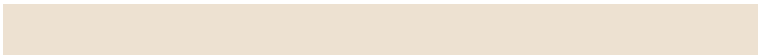
Harmonies

Analogous

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



87.4424, 1.1290, 11.2684



87.4405, -3.2669, 12.9215



87.4424, -7.9522, 12.4829

Triad

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



87.4424, -3.2693, 12.9228



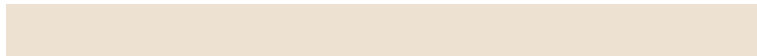
87.4424, -13.0283, 1.5558



87.4424, 2.5675, -0.8637

Complementary

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



87.4405, -3.2669, 12.9215



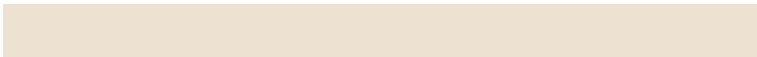
84.4874, -5.3766, -4.2595

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.



87.4424, -1.3395, -3.7392



87.4405, -3.2669, 12.9215



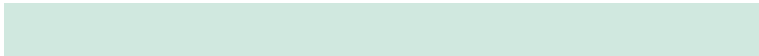
87.4424, -10.3225, -2.2912

Square

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



87.4424, -3.2693, 12.9228



87.4424, -13.5200, 6.0780



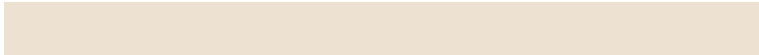
87.4424, -6.0627, -4.2751



87.4424, 4.5458, 3.4206

Rectangle

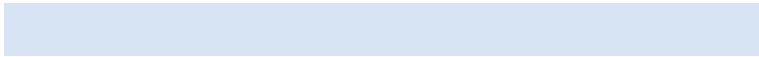
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.4405, -3.2669, 12.9215



87.4424, -10.6102, 11.0507



87.4424, -6.0627, -4.2751



87.4424, 1.4323, -2.0365

Sweetspot

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



87.4424, -3.2693, 12.9228



98.2873, -4.7891, 8.4660



82.9663, 7.1234, 2.2956



45.3242, -2.1650, 4.1751

0.0000, NaN, NaN



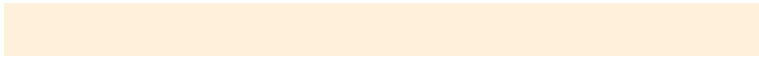
46.2646, -2.4686, 2.5136

Same Dimension

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



87.4424, -3.2693, 12.9228



94.0943, -3.1530, 15.5659



91.0261, -10.0681, 16.6223



40.5998, -1.6708, 5.2461



44.3028, 19.0337, 27.6324



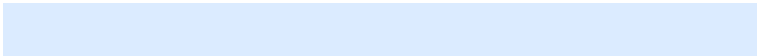
13.1588, 3.7918, 8.1747

Inverse Universe

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



84.4874, -5.3766, -4.2595



90.2836, -5.8659, -6.6001



80.9603, 1.4394, -8.7632



39.5096, -2.4495, -1.0916



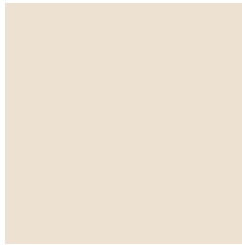
29.5385, 15.0166, -69.3370



9.3413, 2.0079, -16.0102

Previews

White Background



This preview shows how the HunterLab color 87.4405, -3.2669, 12.9215 looks on a white background.

Color Contrast Check

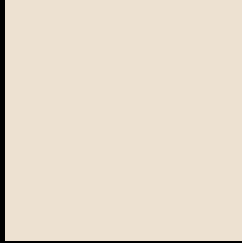
Large Text (above 18pt) WCAG AA × Fail

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 87.4405, -3.2669, 12.9215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

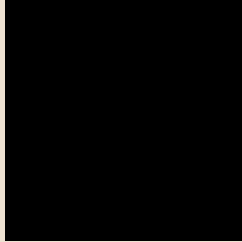
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

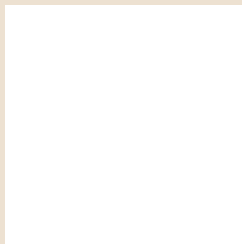
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.4405, -3.2669, 12.9215 Background



This preview shows how black text looks on a background with the HunterLab color 87.4405, -3.2669, 12.9215.

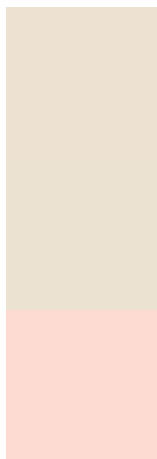


This preview shows how white text looks on a background with the HunterLab color 87.4405, -3.2669,

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

87.4405, -3.2669, 12.9215

Protanopia

87.5547, -4.4634, 13.0243

Deuteranopia

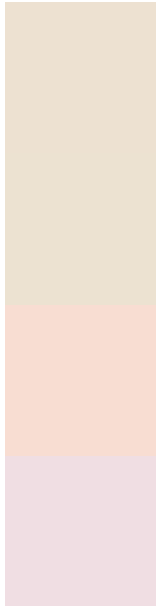
87.3997, 6.0212, 12.5981



Tritanopia

87.5138, 5.0577, -0.7875

Trichromacy



Original Color

87.4405, -3.2669, 12.9215

Protanomaly

87.6522, -4.1249, 13.1357

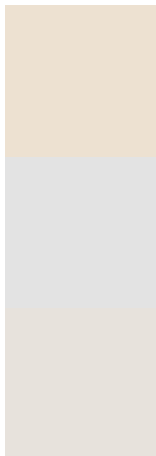
Deuteranomaly

87.3628, 2.8088, 12.5016

Tritanomaly

87.3578, 2.2560, 4.5456

Monochromacy



Original Color

87.4405, -3.2669, 12.9215

Achromatopsia

87.6442, -4.6765, 4.7619

Achromatomaly

87.4923, -4.0362, 7.9572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4405, -3.2669, 12.9215 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(237, 225, 209)` looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 209)  
}
```

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(237, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4405, -3.2669, 12.9215 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(237, 225, 209) }
```


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

```
.border{ border-color:rgb(237, 225, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 225, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4405, -3.2669, 12.9215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 209) }
```

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

```
.background{ background-color: rgb(237,  
225, 209) }
```

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