

Converting Colors

HunterLab(87.3518, -0.7151,
2.9669)

Have a look what the booklet for
HunterLab(87.3518, -0.7151, 2.9669)
contains.

HunterLab(87.3774, -0.6297, 3.0322)	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(87.3774, -0.6297,
3.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E0E6
RGB	233, 224, 230
RGB Percent	91%, 88%, 90%
CMY	0.0863, 0.1215, 0.0980
CMYK	0.00, 0.04, 0.01, 0.09
HSL	320°, 17%, 90%
HSV	320°, 4%, 91%
XYZ	74.5428, 76.3481, 85.6708
YIQ	227.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

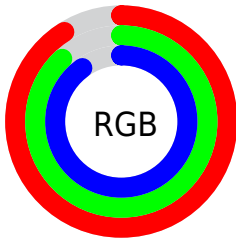
Format	Color
R _{YB}	233, 224, 230
Decimal	15327462
CIE Lab	90.02, 4.11, -1.84
CIE LCh	90, 4.503, 335.854
Yxy	76.3514, 0.3151, 0.3227
Android (android.graphics.Color)	4293517542 (0xFFE9E0E6)
YUV	227.3750, 1.2941, 4.9331
Hunter-Lab	87.3774, -0.6297, 3.0322

Details

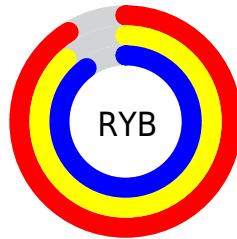
The HunterLab color $87.3774, -0.6297, 3.0322$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89.2598, -8.7262, 6.5738$, and the grayscale version is $87.8030, -4.6849, 4.7705$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.8891, 0.1102, 1.7322$ is the 20% darker color. If you saturate the color by 10%, you get $80.1538, 10.3601, -1.6677$, and if you desaturate by 10%, it is $94.9695, -11.4005, 7.9307$.

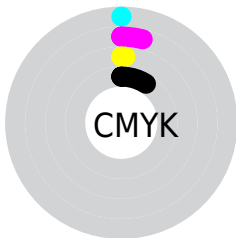
Distribution



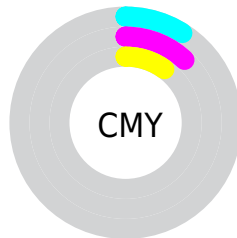
- Red (91%)
- Green (88%)
- Blue (90%)



- Red (91%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (9%)












- Cyan (9%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3774, -0.6297, 3.0322 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 87.3774, -0.6297, 3.0322 by changing the saturation by 10% instead.

 87.3774, -0.6297, 3.0322	 87.3774, -0.6297, 3.0322
219.6701, -6.2686, 9.6257	 75.3131, -0.1788, 2.4584
113.2358, -1.6550, 4.2886	 63.8600, 0.2315, 1.9208
126.9778, -2.2205, 4.9649	 53.0547, 0.5953, 1.4234
141.2347, -2.8195, 5.6717	 42.9387, 0.9082, 0.9696
155.9886, -3.4505, 6.4079	 33.5625, 1.1641, 0.5634
171.2231, -4.1121, 7.1723	 24.9899, 1.3550, 0.2104
186.9237, -4.8030,	 17.3049, 1.4690,

7.9640

-0.0819

203.0768, -5.5221,
8.7821

■ 10.6250, 1.4872,
-0.3017

■ 0.4962, 36.0586,
-15.3613

■ 87.3774, -0.6297,
3.0322

■ 87.3774, -0.6297,
3.0322

■ 80.1538, 10.3601,
-1.6677

■ 94.9695, -11.4005,
7.9307

■ 73.3534, 21.5398,
-6.0948

■ 97.7085, -14.0097,
7.2796

■ 67.0520, 32.8090,
-10.1323

■ 97.9569, -12.6284,
3.7359

■ 61.3385, 43.9666,
-13.6168

■ 98.0122, -12.3214,
2.9484

■ 56.3145, 54.6606,
-16.3302

■ 52.0877, 64.3539,
-18.0102

■ 48.7550, 72.3529,
-18.3972

■ 46.3749, 77.9592,
-17.3249

■ 44.9298, 80.7545,
-14.8332

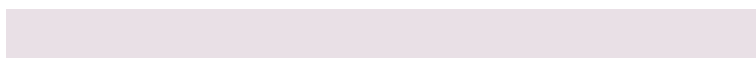
Harmonies

Analogous

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



87.3793, -2.0852, 1.3093



87.3774, -0.6297, 3.0322



87.3793, -0.2644, 5.1804

Triad

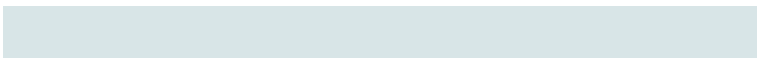
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3793, -0.6318, 3.0337



87.3793, -5.1136, 8.8028



87.3793, -8.1908, 2.2790

Complementary

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



87.3774, -0.6297, 3.0322



89.2598, -8.7262, 6.5738

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.



87.3793, -8.9841, 4.3300



87.3774, -0.6297, 3.0322



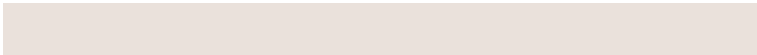
87.3793, -7.2192, 8.0683

Square

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



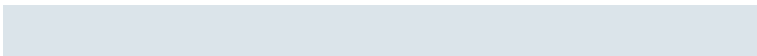
87.3793, -0.6318, 3.0337



87.3793, -2.8670, 8.4757



87.3793, -8.6303, 6.4446



87.3793, -6.4526, 0.8659

Rectangle

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



87.3774, -0.6297, 3.0322



87.3793, -0.6880, 6.5548



87.3793, -8.6303, 6.4446



87.3793, -8.5761, 2.9187

Sweetspot

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



87.3793, -0.6318, 3.0337



99.1610, -4.1328, 4.8909



86.9075, -2.0600, 0.9223



45.8956, -1.9396, 2.2752

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3793, -0.6318, 3.0337



95.8449, 0.7047, 2.7421



87.2364, -1.4084, 5.0702



40.3087, 0.6342, 1.0125



33.4699, 61.4191, -10.1610



9.4730, 17.5477, -4.1488

Inverse Universe

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



87.3793, -0.6318, 3.0337



95.8449, 0.7047, 2.7421



89.4006, -7.9491, 4.5638



40.3087, 0.6342, 1.0125



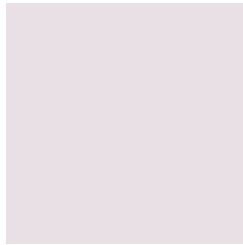
33.4699, 61.4191, -10.1610



9.4730, 17.5477, -4.1488

Previews

White Background



This preview shows how the HunterLab color 87.3774, -0.6297, 3.0322 looks on a white background.

Color Contrast Check

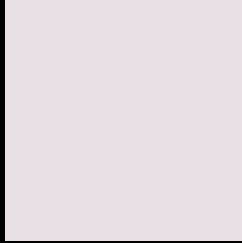
Large Text (above 18pt) WCAG AA × Fail

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 87.3774, -0.6297, 3.0322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

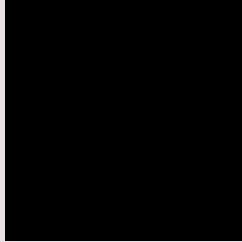
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

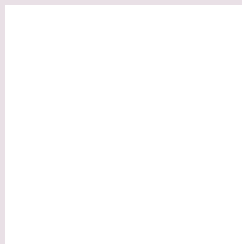
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.3774, -0.6297, 3.0322 Background



This preview shows how black text looks on a background with the HunterLab color 87.3774, -0.6297, 3.0322.



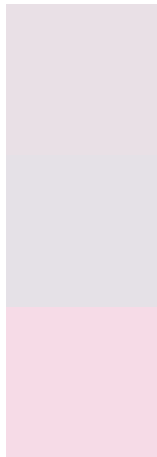
This preview shows how white text looks on a background with the HunterLab color 87.3774, -0.6297,

3.0322.

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

87.3774, -0.6297, 3.0322

Protanopia

87.3373, -2.2895, 2.4538

Deuteranopia

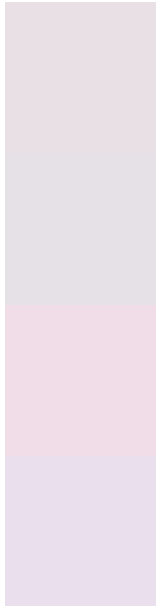
87.1925, 6.6056, 2.4352



Tritanopia

87.2903, 2.8801, -2.1559

Trichromacy



Original Color

87.3774, -0.6297, 3.0322

Protanomaly

87.4317, -1.9638, 2.5731

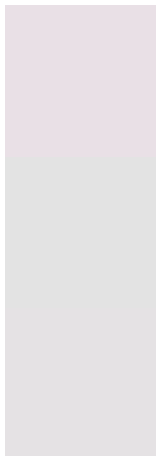
Deuteranomaly

87.2830, 3.8171, 2.4954

Tritanomaly

87.3636, 1.2920, -0.0006

Monochromacy



Original Color

87.3774, -0.6297, 3.0322

Achromatopsia

87.6442, -4.6765, 4.7619

Achromatomaly

87.5512, -3.3358, 4.1843

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3774, -0.6297, 3.0322 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(233, 224, 230)` looks like.

```
.text, #text, p{  
    color:rgb(233, 224, 230)  
}
```

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(233, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 224, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3774, -0.6297, 3.0322 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(233, 224, 230) }
```


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

```
.border{ border-color:rgb(233, 224, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 224, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(233, 224,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3774, -0.6297, 3.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 224, 230) }
```

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

```
.background{ background-color: rgb(233,  
224, 230) }
```

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