

Converting Colors

HunterLab(87.7824, -9.9870,
18.4997)

Have a look what the booklet for
HunterLab(87.7824, -9.9870,
18.4997) contains.

HunterLab(87.9785, -10.1257, 18.8398)	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(87.9785,
-10.1257, 18.8398)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E6C4
RGB	230, 230, 196
RGB Percent	90%, 90%, 77%
CMY	0.0980, 0.0980, 0.2314
CMYK	0.00, 0.00, 0.15, 0.10
HSL	60°, 40%, 84%
HSV	60°, 15%, 90%
XYZ	70.8938, 77.4022, 63.4281
YIQ	226.1240, 10.9140, -10.5740

Conversions

Conversions Part 2

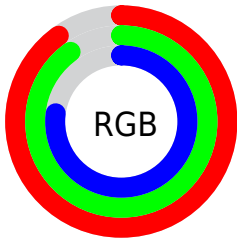
Format	Color
R _Y B	196, 230, 196
Decimal	15132356
CIE Lab	90.51, -5.63, 16.60
CIE LCh	91, 17.530, 108.750
Yxy	77.4056, 0.3348, 0.3656
Android (android.graphics.Color)	4293322436 (0xFFE6E6C4)
YUV	226.1240, -14.8511, 3.3993
Hunter-Lab	87.9785, -10.1257, 18.8398

Details

The HunterLab color $87.9785, -10.1257, 18.8398$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $75.4525, 2.3095, -12.2961$, and the grayscale version is $87.3231, -4.6593, 4.7444$.

A 20% lighter version of the original color is $99.9359, -5.6870, 6.3478$, and $64.5071, -8.6547, 16.0760$ is the 20% darker color. If you saturate the color by 10%, you get $87.4280, -13.1978, 26.8302$, and if you desaturate by 10%, it is $88.6200, -6.5982, 9.6533$.

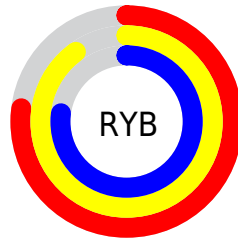
Distribution



Red (90%)

Green (90%)

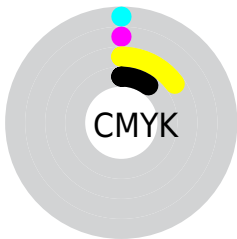
Blue (77%)



Red (77%)

Yellow (90%)

Blue (77%)

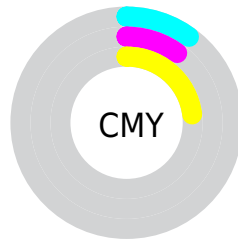


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (10%)



Cyan (10%)

Magenta (10%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.9785, -10.1257, 18.8398 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 87.9785, -10.1257, 18.8398 by changing the saturation by 10% instead.

87.9785, -10.1257,
18.8398

87.9785, -10.1257,
18.8398

220.4871,
-19.1923, 31.9145

75.8853, -9.2143,
17.3781

113.8911,
-12.0113, 21.7406

64.4017, -8.3186,
15.8991

127.6586,
-12.9812, 23.1850

53.5640, -7.4400,
14.3959

141.9400,
-13.9699, 24.6295

43.4134, -6.5771,
12.8574

156.7176,
-14.9774, 26.0763

33.9999, -5.7274,
11.2667

171.9751,
-16.0036, 27.5270

25.3866, -4.8867,
9.5982

187.6979,

17.6561, -4.0470,

-17.0482, 28.9829

7.8096

203.8727,
-18.1112, 30.4451

■ 10.9239, -3.1924,
7.0708

■ 2.3714, -4.1499,
1.6600

■ 87.9785, -10.1257,
18.8398

■ 87.9785, -10.1257,
18.8398

■ 87.4280, -13.1978,
26.8302

■ 88.6200, -6.5982,
9.6533

■ 86.9603, -15.8125,
33.6346

■ 89.3488, -2.6077,
-0.7345

■ 86.5740, -17.9825,
39.2808

■ 89.8007, -0.1498,
-7.1317

■ 86.2654, -19.7234,
43.8098

■ 89.8010, -0.1488,
-7.1312

86.0298, -21.0567,
47.2777

89.8013, -0.1477,
-7.1308

85.8616, -22.0108,
49.7581

89.8016, -0.1467,
-7.1304

85.7540, -22.6220,
51.3459

89.8019, -0.1456,
-7.1300

85.6983, -22.9378,
52.1648

89.8022, -0.1445,
-7.1295

85.6827, -23.0266,
52.3942

89.8026, -0.1435,
-7.1291

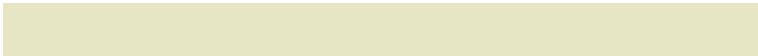
Harmonies

Analogous

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



87.9804, -1.3384, 19.2950



87.9785, -10.1257, 18.8398



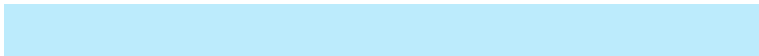
87.9804, -17.1890, 14.8528

Triad

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



87.9804, -10.1281, 18.8410



87.9804, -15.6916, -8.3387



87.9804, 12.7068, 1.5563

Complementary

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



87.9785, -10.1257, 18.8398



75.4525, 2.3095, -12.2961

Split Complementary

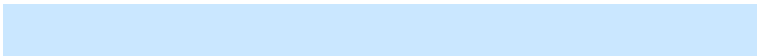
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9804, 8.5289, -6.6248



87.9785, -10.1257, 18.8398



87.9804, -8.0102, -12.7041

Square

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



87.9804, -10.1281, 18.8410



87.9804, -20.3120, -0.6014



87.9804, 0.8647, -12.0475



87.9804, 12.0846, 9.8585

Rectangle

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



87.9785, -10.1257, 18.8398



87.9804, -20.0748, 10.4827



87.9804, 0.8647, -12.0475



87.9804, 11.8108, -1.3126

Sweetspot

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



87.9804, -10.1281, 18.8410



99.6795, -7.0940, 10.0100



77.6468, 7.4283, 8.0969



46.0893, -3.4307, 5.0180

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.9804, -10.1281, 18.8410



98.6849, -12.5874, 24.3085



86.4460, -15.6100, 17.1748



41.0087, -3.8562, 6.5447



64.4680, -17.3251, 39.4216



17.5250, -4.7093, 10.7164

Inverse Universe

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



75.4525, 2.3095, -12.2961



81.5113, 4.5146, -18.5102



77.0330, 7.6199, -10.0222



37.2657, -0.1528, -2.7255



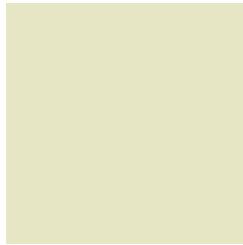
17.9851, 48.7837, -127.7846



4.8894, 13.2616, -34.7338

Previews

White Background



This preview shows how the HunterLab color 87.9785, -10.1257, 18.8398 looks on a white background.

Color Contrast Check

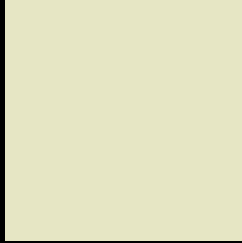
Large Text (above 18pt) WCAG AA × Fail

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 87.9785, -10.1257, 18.8398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

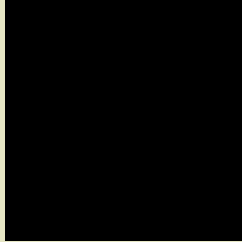
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

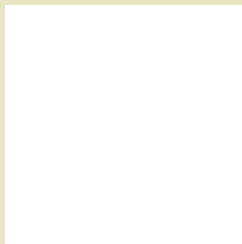
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.9785, -10.1257, 18.8398 Background



This preview shows how black text looks on a background with the HunterLab color 87.9785, -10.1257, 18.8398.



This preview shows how white text looks on a background with the HunterLab color 87.9785,

-10.1257,18.8398.

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

87.9785, -10.1257, 18.8398

Protanopia

87.8800, -5.6847, 19.2187

Deuteranopia

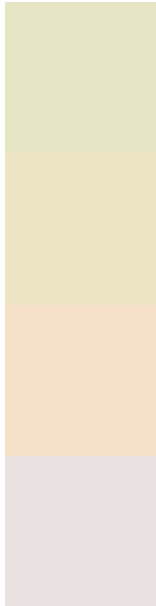
87.9389, 4.4236, 15.7491



Tritanopia

88.0313, 2.3306, -1.7637

Trichromacy



Original Color

87.9785, -10.1257, 18.8398

Protanomaly

87.8976, -7.2277, 19.2094

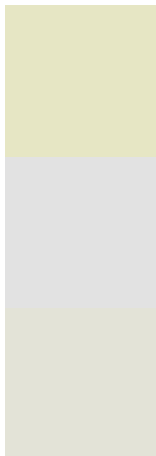
Deuteranomaly

87.8187, -0.8226, 16.7919

Tritanomaly

87.9326, -2.2058, 6.1142

Monochromacy



Original Color

87.9785, -10.1257, 18.8398

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

87.2785, -6.6843, 9.9901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.9785, -10.1257, 18.8398 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(230, 230, 196)` looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 196)  
}
```

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(230, 230, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 87.9785, -10.1257, 18.8398 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(230, 230, 196) }
```


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

```
.border{ border-color:rgb(230, 230, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 196);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.9785, -10.1257, 18.8398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 196) }
```

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

```
.background{ background-color: rgb(230,  
230, 196) }
```

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