

Converting Colors

HunterLab(87.0075, -11.9602,
5.1432)

Have a look what the booklet for
HunterLab(87.0075, -11.9602,
5.1432) contains.

HunterLab(86.9926, -12.0313, 5.3300)	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(86.9926,
-12.0313, 5.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E6E0
RGB	210, 230, 224
RGB Percent	82%, 90%, 88%
CMY	0.1765, 0.0980, 0.1216
CMYK	0.09, 0.00, 0.03, 0.10
HSL	162°, 29%, 86%
HSV	162°, 9%, 90%
XYZ	68.3298, 75.6771, 81.5269
YIQ	223.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

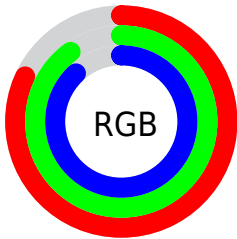
Format	Color
R_{YB}	210, 222, 230
Decimal	13821664
CIE Lab	89.71, -7.73, 0.65
CIE LCh	90, 7.759, 175.216
Yxy	75.6803, 0.3030, 0.3356
Android (android.graphics.Color)	4292011744 (0xFFD2E6E0)
YUV	223.3360, 0.3274, -11.6957
Hunter-Lab	86.9926, -12.0313, 5.3300

Details

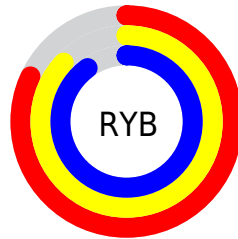
The HunterLab color $86.9926, -12.0313, 5.3300$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82.3870, 3.3192, 4.0692$, and the grayscale version is $86.0512, -4.5915, 4.6753$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.6342, -10.3512, 4.0563$ is the 20% darker color. If you saturate the color by 10%, you get $84.9567, -19.8169, 6.1428$, and if you desaturate by 10%, it is $89.2663, -3.6165, 4.7752$.

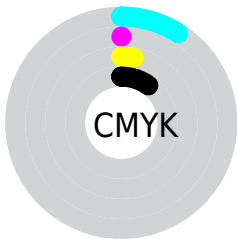
Distribution



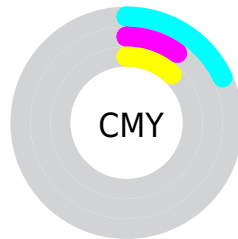
- Red (82%)
- Green (90%)
- Blue (88%)



- Red (82%)
- Yellow (87%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.9926, -12.0313, 5.3300 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 86.9926, -12.0313, 5.3300 by changing the saturation by 10% instead.

■ 86.9926, -12.0313,
5.3300

■ 86.9926, -12.0313,
5.3300

219.1467,
-21.8346, 12.7410

■ 74.9469, -11.0190,
4.6464

112.8162,
-14.1026, 6.7912

■ 63.5134, -10.0171,
3.9934

126.5419,
-15.1597, 7.5638

■ 52.7289, -9.0254,
3.3738

140.7830,
-16.2323, 8.3636

■ 42.6351, -8.0407,
2.7896

155.5216,
-17.3207, 9.1896

■ 33.2829, -7.0583,
2.2430

170.7414,
-18.4250, 10.0411

■ 24.7366, -6.0705,
1.7366

186.4277,

■ 17.0809, -5.0636,

-19.5454, 10.9172

1.2737

202.5669,
-20.6820, 11.8174

■ 10.4348, -4.0107,
0.8587

0.0000, NaN, NaN

■ 86.9926, -12.0313,
5.3300

■ 86.9926, -12.0313,
5.3300

■ 84.9567, -19.8169,
6.1428

■ 89.2663, -3.6165,
4.7752

■ 83.1577, -26.8971,
7.2067

■ 91.6615, 5.0082,
4.3429

■ 81.5996, -33.2112,
8.5142

■ 91.8866, 6.2156,
1.1374

■ 80.2816, -38.7096,
10.0502

■ 92.1196, 7.4628,
-2.1736

■ 79.1989, -43.3612,
11.7933

■ 92.2369, 8.0891,
-3.8364

■ 78.3427, -47.1586,
13.7157

■ 77.6990, -50.1228,
15.7837

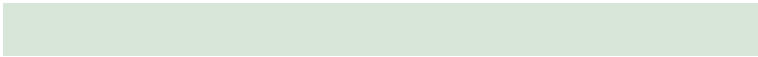
■ 77.2479, -52.3094,
17.9576

■ 76.9546, -53.8428,
20.1852

Harmonies

Analogous

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



86.9944, -10.7527, 8.7284



86.9926, -12.0313, 5.3300



86.9944, -11.3631, 1.6239

Triad

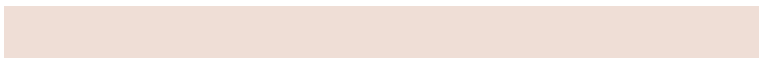
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.9944, -12.0331, 5.3313



86.9944, -1.4109, -2.0065



86.9944, -0.3033, 10.4225

Complementary

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



86.9926, -12.0313, 5.3300



82.3870, 3.3192, 4.0692

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.



86.9944, 2.2803, 7.7359



86.9926, -12.0313, 5.3300



86.9944, 1.6330, 0.5436

Square

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



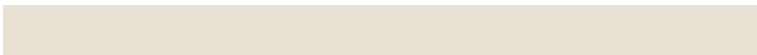
86.9944, -12.0331, 5.3313



86.9944, -5.2743, -2.7194



86.9944, 2.9951, 4.1351



86.9944, -4.0168, 11.5837

Rectangle

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



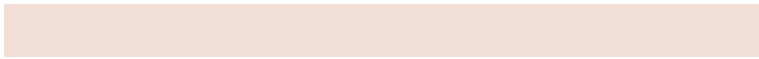
86.9926, -12.0313, 5.3300



86.9944, -9.8942, -0.5107



86.9944, 2.9951, 4.1351



86.9944, 0.7287, 9.6738

Sweetspot

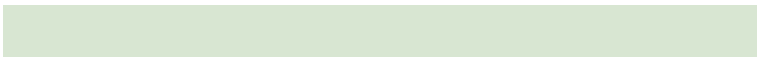
The Sweet Spot groups the original color and five complimentary colors.



86.9944, -12.0331, 5.3313



99.2123, -8.2348, 5.6029



87.1206, -12.4204, 11.9699



45.8046, -4.1636, 2.6152

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.9944, -12.0331, 5.3313



97.4665, -14.7602, 6.1003



86.0186, -9.1106, 1.2414



40.3222, -5.8723, 2.5001



57.8956, -40.5265, 15.1207



15.7898, -10.7019, 3.3666

Inverse Universe

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



82.3870, 3.3192, 4.0692



91.4872, 5.1672, 4.4647



83.3084, 0.4044, 7.9466



37.9985, 1.8715, 1.8640



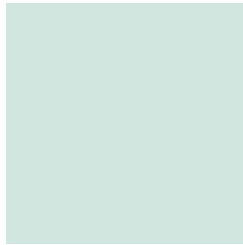
31.2835, 54.4125, 13.7144



8.5975, 15.1349, 2.3666

Previews

White Background



This preview shows how the HunterLab color 86.9926, -12.0313, 5.3300 looks on a white background.

Color Contrast Check

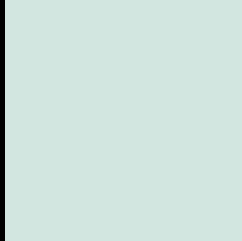
Large Text (above 18pt) WCAG AA × Fail

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 86.9926, -12.0313, 5.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

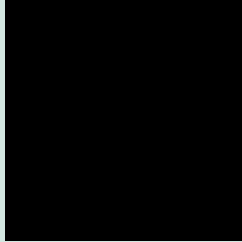
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

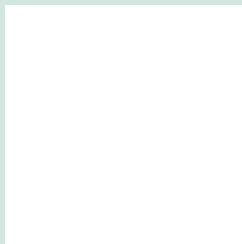
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.9926, -12.0313, 5.3300 Background



This preview shows how black text looks on a background with the HunterLab color 86.9926, -12.0313, 5.3300.



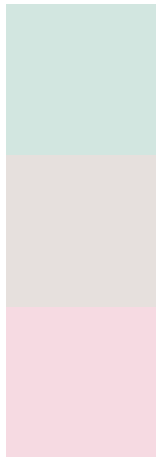
This preview shows how white text looks on a background with the HunterLab color 86.9926,

-12.0313, 5.3300.

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

86.9926, -12.0313, 5.3300

Protanopia

86.8071, -3.1611, 6.7125

Deuteranopia

86.7333, 6.2838, 4.3693



Tritanopia

87.0786, -5.4486, -5.2565

Trichromacy



Original Color

86.9926, -12.0313, 5.3300

Protanomaly

86.8070, -6.3014, 6.1789

Deuteranomaly

86.6039, -0.4445, 4.5895

Tritanomaly

87.0330, -7.7774, -1.0880

Monochromacy



Original Color

86.9926, -12.0313, 5.3300

Achromatopsia

85.9017, -4.5835, 4.6672

Achromatomaly

86.3863, -7.7146, 5.1812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.9926, -12.0313, 5.3300 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(210, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 224)  
}
```

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(210, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 86.9926, -12.0313, 5.3300 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(210, 230, 224) }
```


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

```
.border{ border-color:rgb(210, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.9926, -12.0313, 5.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 224) }
```

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

```
.background{ background-color: rgb(210,  
230, 224) }
```

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