

Converting Colors

HunterLab(86.9830, -14.0574,
15.1842)

Have a look what the booklet for
HunterLab(86.9830, -14.0574,
15.1842) contains.

HunterLab(86.8659, -13.7696, 15.1466)	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(86.8659,
-13.7696, 15.1466)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E6CA
RGB	216, 230, 202
RGB Percent	85%, 90%, 79%
CMY	0.1529, 0.0980, 0.2078
CMYK	0.06, 0.00, 0.12, 0.10
HSL	90°, 36%, 85%
HSV	90°, 12%, 90%
XYZ	67.2764, 75.4568, 66.8959
YIQ	222.6220, 0.6440, -11.6760

Conversions

Conversions Part 2

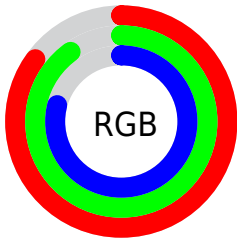
Format	Color
RYB	202, 230, 216
Decimal	14214858
CIELab	89.61, -9.60, 12.06
CIElCh	90, 15.415, 128.535
Yxy	75.4601, 0.3209, 0.3600
Android (android.graphics.Color)	4292404938 (0xFFD8E6CA)
YUV	222.6220, -10.1666, -5.8075
Hunter-Lab	86.8659, -13.7696, 15.1466

Details

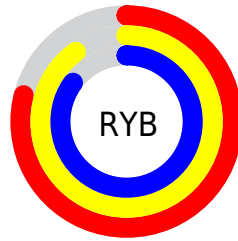
The HunterLab color $86.8659, -13.7696, 15.1466$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $79.0918, 5.4090, -7.2921$, and the grayscale version is $85.7816, -4.5771, 4.6607$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.5414, -11.8274, 12.8045$ is the 20% darker color. If you saturate the color by 10%, you get $85.2991, -20.6308, 22.5555$, and if you desaturate by 10%, it is $88.5697, -6.4107, 6.7776$.

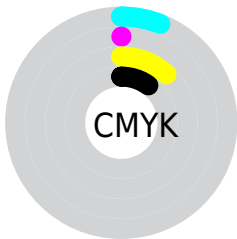
Distribution



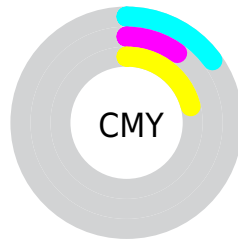
- Red (85%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.8659, -13.7696, 15.1466 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 86.8659, -13.7696, 15.1466 by changing the saturation by 10% instead.

■ 86.8659, -13.7696,
15.1466

■ 86.8659, -13.7696,
15.1466

218.9743,
-24.2458, 26.5459

■ 74.8264, -12.6661,
13.9168

112.6781,
-16.0112, 17.6195

■ 63.3994, -11.5674,
12.6845

126.3983,
-17.1478, 18.8647

■ 52.6218, -10.4724,
11.4458

140.6343,
-18.2969, 20.1185

■ 42.5352, -9.3767,
10.1936

155.3679,
-19.4591, 21.3818

■ 33.1910, -8.2735,
8.9168

170.5828,
-20.6348, 22.6555

■ 24.6533, -7.1518,
7.5980

186.2644,

■ 17.0073, -5.9926,

-21.8243, 23.9405

6.2075

202.3990,
-23.0279, 25.2371

■ 10.3724, -4.7877,
5.4591

0.0000, NaN, NaN

■ 86.8659, -13.7696,
15.1466

■ 86.8659, -13.7696,
15.1466

■ 85.2991, -20.6308,
22.5555

■ 88.5697, -6.4107,
6.7776

■ 83.8654, -26.9548,
28.9695

■ 90.4023, 1.4161,
-2.5149

■ 82.5674, -32.7152,
34.3705

■ 91.7794, 6.5581,
-4.4483

■ 81.4049, -37.8897,
38.7538

■ 92.2370, 8.0890,
-3.8363

■ 80.3764, -42.4643,
42.1330

■ 79.4787, -46.4358,
44.5433

■ 78.7071, -49.8141,
46.0467

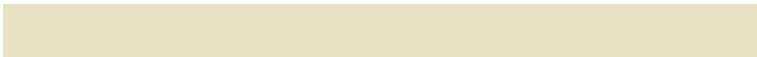
■ 78.0539, -52.6264,
46.7405

■ 77.6147, -54.4893,
46.8719

Harmonies

Analogous

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



86.8678, -6.8505, 17.6669



86.8659, -13.7696, 15.1466



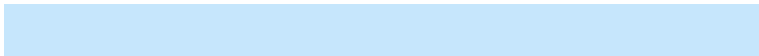
86.8678, -18.1387, 9.7805

Triad

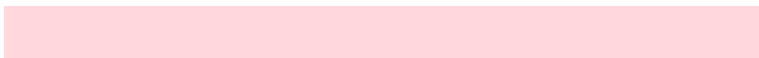
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8678, -13.7717, 15.1478



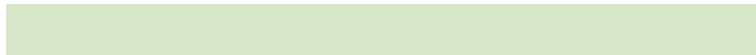
86.8678, -10.0508, -9.5978



86.8678, 10.6678, 6.8157

Complementary

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



86.8659, -13.7696, 15.1466



79.0918, 5.4090, -7.2921

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.



86.8678, 9.7375, -0.6465



86.8659, -13.7696, 15.1466



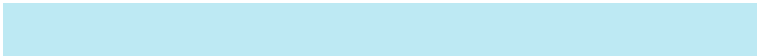
86.8678, -2.4065, -10.5683

Square

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



86.8678, -13.7717, 15.1478



86.8678, -16.0437, -4.6206



86.8678, 4.8858, -7.1664



86.8678, 7.3847, 13.1416

Rectangle

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



86.8659, -13.7696, 15.1466



86.8678, -19.1058, 5.0918



86.8678, 4.8858, -7.1664



86.8678, 10.8397, 4.3635

Sweetspot

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



86.8678, -13.7717, 15.1478



99.1997, -8.7758, 9.4367



83.7865, -2.0724, 12.0514



45.8259, -4.3550, 4.7055

0.0000, NaN, NaN



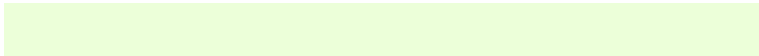
46.2646, -2.4686, 2.5136

Same Dimension

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



86.8678, -13.7717, 15.1478



97.1224, -17.7847, 19.5646



85.6842, -18.0438, 13.8168



40.5478, -5.4875, 6.0201



58.4599, -40.7413, 35.3095



16.0645, -10.3672, 9.7174

Inverse Universe

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



79.0918, 5.4090, -7.2921



86.3302, 8.8547, -11.6236



80.4856, 10.0475, -5.3803



37.7352, 1.4471, -2.0886



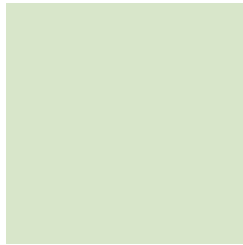
23.1764, 53.6458, -93.2044



6.7243, 15.0699, -23.2083

Previews

White Background



This preview shows how the HunterLab color 86.8659, -13.7696, 15.1466 looks on a white background.

Color Contrast Check

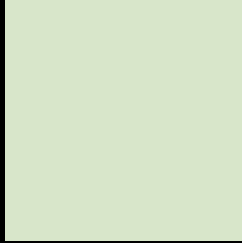
Large Text (above 18pt) WCAG AA × Fail

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 86.8659, -13.7696, 15.1466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

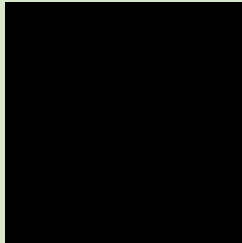
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

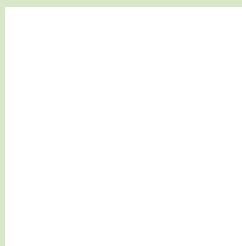
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.8659, -13.7696, 15.1466 Background



This preview shows how black text looks on a background with the HunterLab color 86.8659, -13.7696, 15.1466.



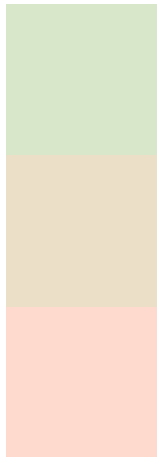
This preview shows how white text looks on a background with the HunterLab color 86.8659,

-13.7696, 15.1466.

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

86.8659, -13.7696, 15.1466

Protanopia

86.6585, -4.9417, 16.3439

Deuteranopia

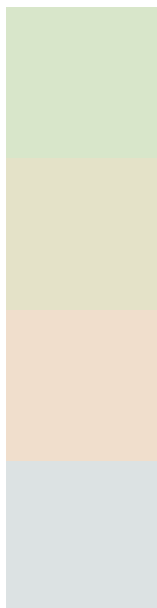
86.6627, 6.3309, 13.9974



Tritanopia

86.7477, -1.9946, -3.9964

Trichromacy



Original Color

86.8659, -13.7696, 15.1466

Protanomaly

86.6353, -8.1766, 15.8451

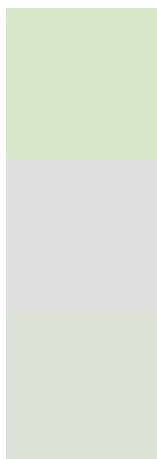
Deuteranomaly

86.6761, -1.4392, 14.3072

Tritanomaly

86.6916, -6.3914, 3.6047

Monochromacy



Original Color

86.8659, -13.7696, 15.1466

Achromatopsia

85.9017, -4.5835, 4.6672

Achromatomaly

86.3219, -8.4291, 8.8861

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.8659, -13.7696, 15.1466 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(216, 230, 202)` looks like.

```
.text, #text, p{  
    color:rgb(216, 230, 202)  
}
```

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(216, 230, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 230, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 86.8659, -13.7696, 15.1466 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(216, 230, 202) }
```


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

```
.border{ border-color:rgb(216, 230, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 230, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 230, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 230, 202);  
box-shadow:4px 4px 4px 4px rgb(216, 230,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.8659, -13.7696, 15.1466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 230, 202) }
```

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

```
.background{ background-color: rgb(216,  
230, 202) }
```

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