

Converting Colors

HunterLab(87.2198, -11.5618,
14.5995)

Have a look what the booklet for
HunterLab(87.2198, -11.5618,
14.5995) contains.

HunterLab(87.3644, -11.8793, 14.8564)	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(87.3644,
-11.8793, 14.8564)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE6CC
RGB	221, 230, 204
RGB Percent	87%, 90%, 80%
CMY	0.1333, 0.0980, 0.2000
CMYK	0.04, 0.00, 0.11, 0.10
HSL	81°, 34%, 85%
HSV	81°, 11%, 90%
XYZ	69.0146, 76.3254, 68.2216
YIQ	224.3450, 2.9820, -9.9940

Conversions

Conversions Part 2

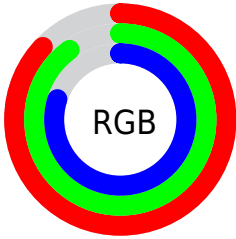
Format	Color
R_{YB}	204, 230, 213
Decimal	14542540
CIE _{Lab}	90.01, -7.54, 11.64
CIE _{LCh}	90, 13.866, 122.931
Yxy	76.3287, 0.3232, 0.3574
Android (android.graphics.Color)	4292732620 (0xFFDDE6CC)
YUV	224.3450, -10.0301, -2.9336
Hunter-Lab	87.3644, -11.8793, 14.8564

Details

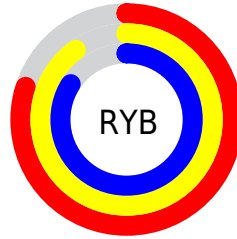
The HunterLab color $87.3644, -11.8793, 14.8564$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $79.4022, 3.3911, -6.9168$, and the grayscale version is $86.5300, -4.6170, 4.7013$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.0070, -10.0528, 12.5371$ is the 20% darker color. If you saturate the color by 10%, you get $86.0724, -17.7143, 22.6135$, and if you desaturate by 10%, it is $88.7667, -5.5989, 6.0579$.

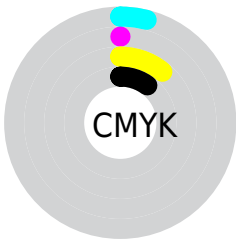
Distribution



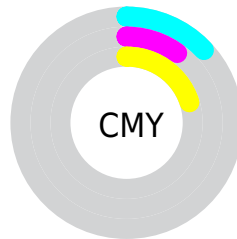
- Red (87%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3644, -11.8793, 14.8564 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 87.3644, -11.8793, 14.8564 by changing the saturation by 10% instead.

■ 87.3644, -11.8793,
14.8564

■ 87.3644, -11.8793,
14.8564

219.6525,
-21.6177, 26.1069

■ 75.3008, -10.8764,
13.6476

113.2217,
-13.9343, 17.2908

■ 63.8483, -9.8842,
12.4379

126.9631,
-14.9837, 18.5183

■ 53.0437, -8.9027,
11.2238

141.2195,
-16.0488, 19.7551

■ 42.9284, -7.9293,
9.9984

155.9728,
-17.1300, 21.0021

■ 33.5530, -6.9594,
8.7516

171.2069,
-18.2275, 22.2603

■ 24.9814, -5.9856,
7.4671

186.9070,

■ 17.2973, -4.9950,

-19.3412, 23.5302

6.1173

203.0596,
-20.4713, 24.8123

■ 10.6186, -3.9619,
5.2377

■ 0.3604, -0.6308,
0.2523

■ 87.3644, -11.8793,
14.8564

■ 87.3644, -11.8793,
14.8564

■ 86.0724, -17.7143,
22.6135

■ 88.7667, -5.5989,
6.0579

■ 84.8850, -23.0792,
29.3074

■ 90.2726, 1.1117,
-3.7581

■ 83.8038, -27.9626,
34.9332

■ 91.2196, 4.6752,
-5.2012

■ 82.8273, -32.3561,
39.4983

■ 92.0179, 7.3568,
-4.1289

■ 81.9532, -36.2584,
43.0270

■ 92.2370, 8.0889,
-3.8363

■ 81.1779, -39.6765,
45.5625

■ 80.4966, -42.6276,
47.1721

■ 79.9024, -45.1427,
47.9542

■ 79.4449, -47.0378,
48.1301

Harmonies

Analogous

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



87.3663, -5.3553, 16.6280



87.3644, -11.8793, 14.8564



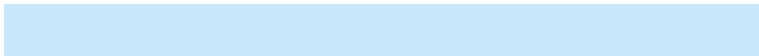
87.3663, -16.3599, 10.3973

Triad

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



87.3663, -11.8814, 14.8576



87.3663, -10.7222, -7.4638



87.3663, 9.2219, 5.4095

Complementary

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



87.3644, -11.8793, 14.8564



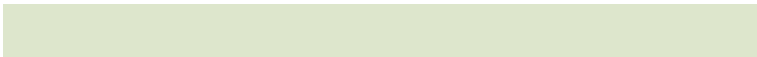
79.4022, 3.3911, -6.9168

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.



87.3663, 7.6766, -1.2894



87.3644, -11.8793, 14.8564



87.3663, -3.9752, -9.0592

Square

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



87.3663, -11.8814, 14.8576



87.3663, -15.7056, -2.5142



87.3663, 2.7908, -6.7184



87.3663, 6.9499, 11.4498

Rectangle

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



87.3644, -11.8793, 14.8564



87.3663, -17.6579, 6.3204



87.3663, 2.7908, -6.7184



87.3663, 9.1318, 3.1612

Sweetspot

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



87.3663, -11.8814, 14.8576



99.5078, -7.5374, 8.5847



82.8288, -0.0333, 10.1452



45.9769, -3.7559, 4.3532

0.0000, NaN, NaN



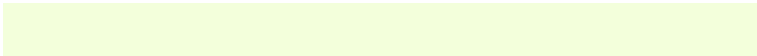
46.2646, -2.4686, 2.5136

Same Dimension

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



87.3663, -11.8814, 14.8576



97.7960, -15.2266, 19.2389



86.2641, -15.8323, 13.6140



40.6870, -4.9927, 6.1791



59.8336, -35.1552, 36.2537



16.4214, -8.9328, 9.9624

Inverse Universe

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



79.4022, 3.3911, -6.9168



86.6828, 6.1021, -11.1902



80.6324, 7.5205, -5.2337



37.5880, 0.9477, -2.2874



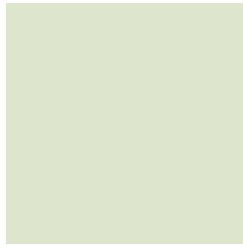
20.6216, 50.9995, -108.2578



6.0363, 14.2968, -26.7933

Previews

White Background



This preview shows how the HunterLab color 87.3644, -11.8793, 14.8564 looks on a white background.

Color Contrast Check

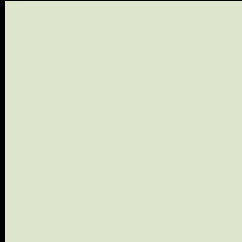
Large Text (above 18pt) WCAG AA × Fail

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 87.3644, -11.8793, 14.8564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

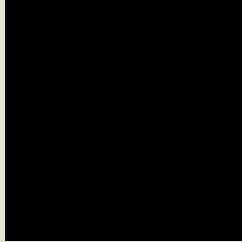
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

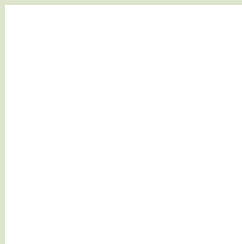
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.3644, -11.8793, 14.8564 Background



This preview shows how black text looks on a background with the HunterLab color 87.3644, -11.8793, 14.8564.



This preview shows how white text looks on a background with the HunterLab color 87.3644,

-11.8793,14.8564.

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

87.3644, -11.8793, 14.8564

Protanopia

87.1479, -4.6709, 15.6030

Deuteranopia

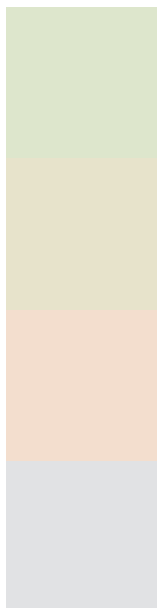
87.1251, 6.4628, 13.6274



Tritanopia

87.2084, -0.4105, -3.3815

Trichromacy



Original Color

87.3644, -11.8793, 14.8564

Protanomaly

87.3149, -7.2378, 15.3108

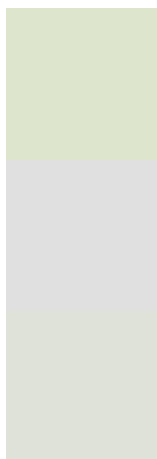
Deuteranomaly

87.0365, -0.0905, 13.8524

Tritanomaly

87.1790, -4.6278, 3.7201

Monochromacy



Original Color

87.3644, -11.8793, 14.8564

Achromatopsia

86.3368, -4.6067, 4.6908

Achromatomaly

86.6547, -7.1394, 8.3559

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3644, -11.8793, 14.8564 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(221, 230, 204)` looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 204)  
}
```

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(221, 230, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3644, -11.8793, 14.8564 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(221, 230, 204) }
```


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

```
.border{ border-color:rgb(221, 230, 204) }
```

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

Here you see how a box with a 4 pixel rgb(221, 230, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 204);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3644, -11.8793, 14.8564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 204) }
```

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

```
.background{ background-color: rgb(221,  
230, 204) }
```

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