

Converting Colors

HunterLab(86.8142, -17.8648,
13.5815)

Have a look what the booklet for
HunterLab(86.8142, -17.8648,
13.5815) contains.

HunterLab(86.6603, -17.6619, 13.5747)	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(86.6603,
-17.6619, 13.5747)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE8CD
RGB	205, 232, 205
RGB Percent	80%, 91%, 80%
CMY	0.1961, 0.0902, 0.1961
CMYK	0.12, 0.00, 0.12, 0.09
HSL	120°, 37%, 86%
HSV	120°, 12%, 91%
XYZ	65.0528, 75.1001, 68.8247
YIQ	220.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

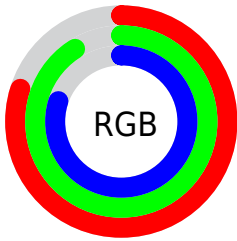
Format	Color
R _Y B	205, 232, 232
Decimal	13494477
CIE Lab	89.44, -13.85, 10.15
CIE LCh	89, 17.171, 143.757
Yxy	75.1033, 0.3113, 0.3594
Android (android.graphics.Color)	4291684557 (0xFFCDE8CD)
YUV	220.8490, -7.8136, -13.8996
Hunter-Lab	86.6603, -17.6619, 13.5747

Details

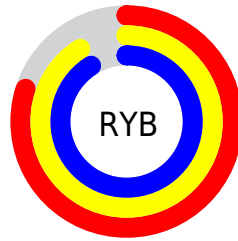
The HunterLab color $86.6603, -17.6619, 13.5747$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $81.6372, 9.4863, -4.9776$, and the grayscale version is $85.0038, -4.5356, 4.6184$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.1382, -14.7264, 11.1540$ is the 20% darker color. If you saturate the color by 10%, you get $84.2652, -27.7254, 20.3749$, and if you desaturate by 10%, it is $89.3620, -6.6743, 6.1515$.

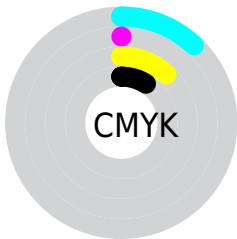
Distribution



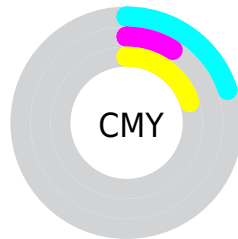
- Red (80%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.6603, -17.6619, 13.5747 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 86.6603, -17.6619, 13.5747 by changing the saturation by 10% instead.

■ 86.6603, -17.6619,
13.5747

■ 86.6603, -17.6619,
13.5747

218.6944,
-29.6801, 24.2834

■ 74.6308, -16.3477,
12.4403

112.4538,
-20.2938, 15.8714

■ 63.2143, -15.0259,
11.3096

126.1653,
-21.6131, 17.0346

■ 52.4478, -13.6927,
10.1799

140.3928,
-22.9376, 18.2097

■ 42.3732, -12.3403,
9.0456

155.1182,
-24.2690, 19.3973

■ 33.0418, -10.9569,
7.8984

170.3253,
-25.6081, 20.5982

■ 24.5183, -9.5237,
6.7245

185.9992,

■ 16.8880, -8.0092,

-26.9558, 21.8126

5.5002

202.1263,
-28.3130, 23.0410

■ 10.2712, -6.5852,
4.7174

0.0000, NaN, NaN

■ 86.6603, -17.6619,
13.5747

■ 86.6603, -17.6619,
13.5747

■ 84.2652, -27.7254,
20.3749

■ 89.3620, -6.6743,
6.1515

■ 82.1801, -36.7316,
26.4617

■ 92.3529, 5.1115,
-1.8092

■ 80.4120, -44.5680,
31.7588

■ 92.8419, 7.0023,
-3.0864

■ 78.9609, -51.1449,
36.2053

■ 77.8211, -56.4089,
39.7645

■ 76.9795, -60.3530,
42.4315

■ 76.4150, -63.0264,
44.2394

■ 76.0966, -64.5446,
45.2663

■ 75.9711, -65.1452,
45.6725

Harmonies

Analogous

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



86.6622, -11.2407, 18.0084



86.6603, -17.6619, 13.5747



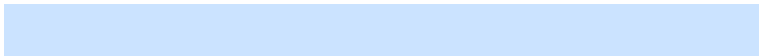
86.6622, -20.5803, 6.4234

Triad

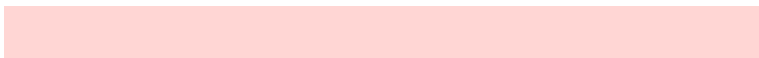
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6622, -17.6638, 13.5759



86.6622, -6.4334, -12.5674



86.6622, 11.1573, 10.8638

Complementary

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



86.6603, -17.6619, 13.5747



81.6372, 9.4863, -4.9776

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.



86.6622, 12.5671, 2.9757



86.6603, -17.6619, 13.5747



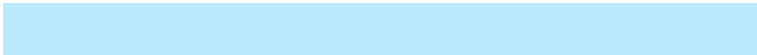
86.6622, 2.1876, -11.0825

Square

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



86.6622, -17.6638, 13.5759



86.6622, -14.2626, -9.0670



86.6622, 9.2254, -5.1881



86.6622, 5.4453, 16.5535

Rectangle

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



86.6603, -17.6619, 13.5747



86.6622, -20.2286, 0.8620



86.6622, 9.2254, -5.1881



86.6622, 12.1592, 8.4031

Sweetspot

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



86.6622, -17.6638, 13.5759



99.0429, -9.1690, 8.0226



89.0397, -9.1577, 16.2452



45.7057, -4.7096, 4.0275

0.0000, NaN, NaN



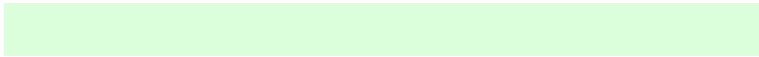
46.2646, -2.4686, 2.5136

Same Dimension

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



86.6622, -17.6638, 13.5759



95.7899, -22.4886, 17.0216



87.0539, -15.4640, 7.9607



40.1113, -7.0504, 5.5183



56.6040, -48.5379, 34.0293



15.3872, -13.1945, 9.2504

Inverse Universe

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



81.6372, 9.4863, -4.9776



89.0504, 13.9411, -7.8732



81.1839, 7.0731, 1.4547



38.2299, 3.1119, -1.4262



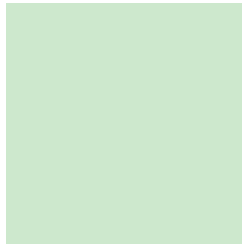
35.7191, 70.2246, -47.1085



9.7099, 19.0898, -12.8061

Previews

White Background



This preview shows how the HunterLab color 86.6603, -17.6619, 13.5747 looks on a white background.

Color Contrast Check

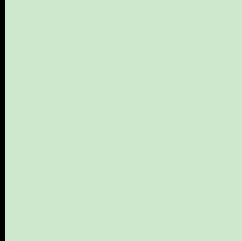
Large Text (above 18pt) WCAG AA × Fail

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 86.6603, -17.6619, 13.5747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

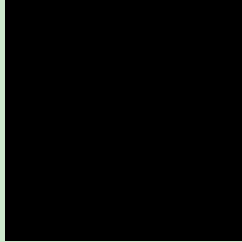
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

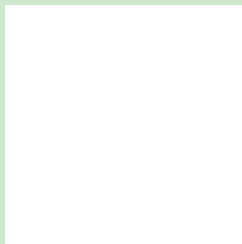
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.6603, -17.6619, 13.5747 Background



This preview shows how black text looks on a background with the HunterLab color 86.6603, -17.6619, 13.5747.



This preview shows how white text looks on a background with the HunterLab color 86.6603,

-17.6619, 13.5747.

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

86.6603, -17.6619, 13.5747

Protanopia

86.6145, -4.9869, 15.4583

Deuteranopia

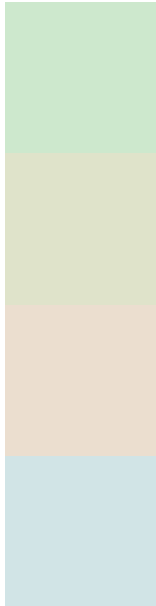
86.5305, 6.0562, 12.5372



Tritanopia

86.4715, -6.0228, -5.5063

Trichromacy



Original Color

86.6603, -17.6619, 13.5747

Protanomaly

86.5392, -10.0261, 14.8669

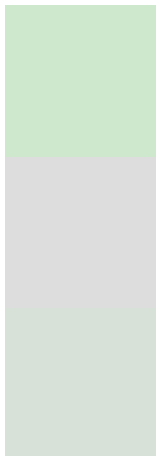
Deuteranomaly

86.2611, -2.7025, 12.5321

Tritanomaly

86.4611, -10.2579, 1.7608

Monochromacy



Original Color

86.6603, -17.6619, 13.5747

Achromatopsia

85.0326, -4.5371, 4.6200

Achromatomaly

85.5592, -9.4991, 8.0038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.6603, -17.6619, 13.5747 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(205, 232, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 232, 205)  
}
```

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(205, 232, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 232, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 86.6603, -17.6619, 13.5747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

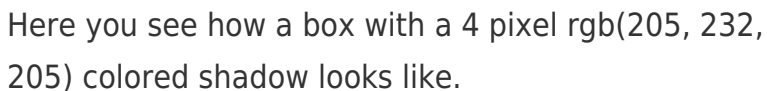
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 232, 205) }
```


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

```
.border{ border-color:rgb(205, 232, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 232, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 232, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 232, 205); box-shadow:4px 4px 4px 4px rgb(205, 232, 205) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.6603, -17.6619, 13.5747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 232, 205) }
```

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

```
.background{ background-color: rgb(205,  
232, 205) }
```

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