

Converting Colors

HunterLab(86.4555, -19.8913,
13.7128)

Have a look what the booklet for
HunterLab(86.4555, -19.8913,
13.7128) contains.

HunterLab(86.4752, -20.0682, 13.7665)	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(86.4752,
-20.0682, 13.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E9CC
RGB	199, 233, 204
RGB Percent	78%, 91%, 80%
CMY	0.2196, 0.0863, 0.2000
CMYK	0.15, 0.00, 0.12, 0.09
HSL	129°, 44%, 85%
HSV	129°, 15%, 91%
XYZ	63.5912, 74.7796, 68.2090
YIQ	219.5280, -10.9550, -16.2270

Conversions

Conversions Part 2

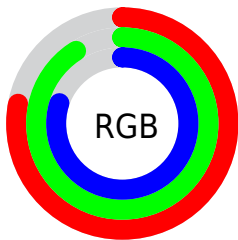
Format	Color
RYB	199, 229, 233
Decimal	13101516
CIELab	89.29, -16.53, 10.41
CIELCh	89, 19.530, 147.803
Yxy	74.7828, 0.3078, 0.3620
Android (android.graphics.Color)	4291291596 (0xFFC7E9CC)
YUV	219.5280, -7.6553, -18.0031
Hunter-Lab	86.4752, -20.0682, 13.7665

Details

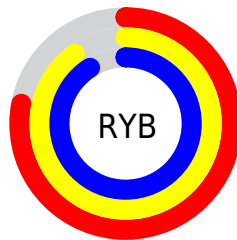
The HunterLab color $86.4752, -20.0682, 13.7665$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $79.8585, 12.3176, -5.0727$, and the grayscale version is $84.4311, -4.5050, 4.5873$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $62.9810, -16.9599, 11.3485$ is the 20% darker color. If you saturate the color by 10%, you get $84.2271, -29.4761, 19.4135$, and if you desaturate by 10%, it is $89.0130, -9.7954, 7.7639$.

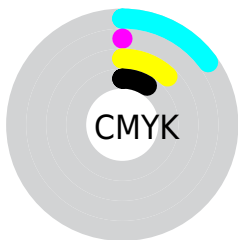
Distribution



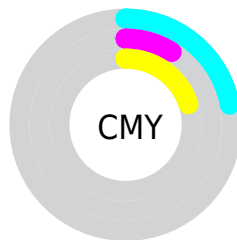
- Red (78%)
- Green (91%)
- Blue (80%)



- Red (78%)
- Yellow (90%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.4752, -20.0682, 13.7665 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 86.4752, -20.0682, 13.7665 by changing the saturation by 10% instead.

■ 86.4752, -20.0682,
13.7665

■ 86.4752, -20.0682,
13.7665

218.4424,
-33.0696, 24.5651

■ 74.4547, -18.6190,
12.6195

112.2519,
-22.9497, 16.0862

■ 63.0477, -17.1541,
11.4753

125.9555,
-24.3855, 17.2602

■ 52.2912, -15.6678,
10.3312

140.1754,
-25.8220, 18.4455

■ 42.2274, -14.1500,
9.1811

154.8935,
-27.2611, 19.6430

■ 32.9076, -12.5854,
8.0164

170.0934,
-28.7043, 20.8533

■ 24.3968, -10.9502,
6.8226

185.7603,

■ 16.7808, -9.2038,

-30.1528, 22.0769

5.5751

201.8808,
-31.6077, 23.3140

■ 10.1804, -7.7478,
4.8408

0.0000, NaN, NaN

■ 86.4752, -20.0682,
13.7665

■ 86.4752, -20.0682,
13.7665

■ 84.2271, -29.4761,
19.4135

■ 89.0130, -9.7954,
7.7639

■ 82.2705, -37.9022,
24.6332

■ 91.8250, 1.2312,
1.4692

■ 80.6108, -45.2499,
29.3610

■ 93.1454, 6.4597,
-2.7119

■ 79.2469, -51.4433,
33.5387

■ 78.1725, -56.4384,
37.1203

■ 77.3748, -60.2320,
40.0767

■ 76.8338, -62.8695,
42.3986

■ 76.5198, -64.4543,
44.0985

■ 76.4184, -64.9821,
44.7614

Harmonies

Analogous

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



86.4770, -13.2771, 19.1761



86.4752, -20.0682, 13.7665



86.4770, -22.7431, 5.3950

Triad

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



86.4770, -20.0700, 13.7676



86.4770, -5.3437, -15.3018



86.4770, 12.7808, 12.6964

Complementary

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



86.4752, -20.0682, 13.7665



79.8585, 12.3176, -5.0727

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.



86.4770, 15.1331, 4.0136



86.4752, -20.0682, 13.7665



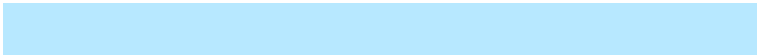
86.4770, 4.3941, -12.7950

Square

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



86.4770, -20.0700, 13.7676



86.4770, -14.4812, -11.9697



86.4770, 11.9996, -5.4539



86.4770, 5.7064, 18.6080

Rectangle

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



86.4752, -20.0682, 13.7665



86.4770, -21.9234, -0.9847



86.4770, 11.9996, -5.4539



86.4770, 14.1635, 10.0367

Sweetspot

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



86.4770, -20.0700, 13.7676



98.7769, -10.1714, 8.2085



88.8682, -11.7161, 18.5055



45.5948, -5.1197, 4.0365

0.0000, NaN, NaN



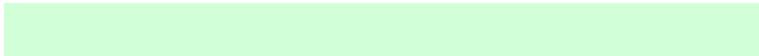
46.2646, -2.4686, 2.5136

Same Dimension

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



86.4770, -20.0700, 13.7676



94.8894, -25.9907, 17.4863



86.9591, -17.3507, 6.8596



41.1075, -6.9839, 5.0279



57.5721, -48.8881, 33.5753



16.1675, -13.4826, 8.8971

Inverse Universe

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



79.8585, 12.3176, -5.0727



85.8504, 18.2750, -8.2521



79.3087, 9.4104, 2.7312



39.0813, 2.9234, -0.7379



34.8957, 66.4865, -29.5938



9.8315, 18.8171, -8.9987

Previews

White Background



This preview shows how the HunterLab color 86.4752, -20.0682, 13.7665 looks on a white background.

Color Contrast Check

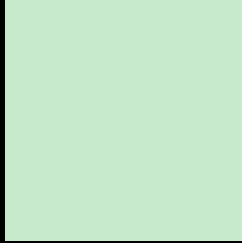
Large Text (above 18pt) WCAG AA × Fail

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 86.4752, -20.0682, 13.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

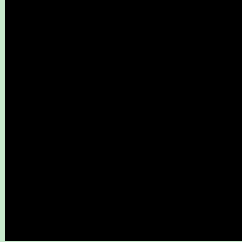
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

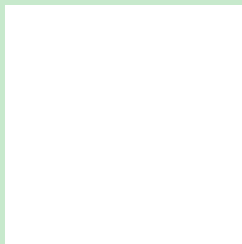
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.4752, -20.0682, 13.7665 Background



This preview shows how black text looks on a background with the HunterLab color 86.4752, -20.0682, 13.7665.



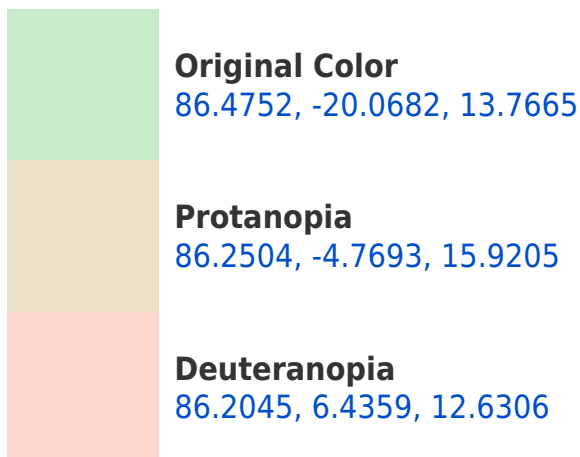
This preview shows how white text looks on a background with the HunterLab color 86.4752,

-20.0682, 13.7665.

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

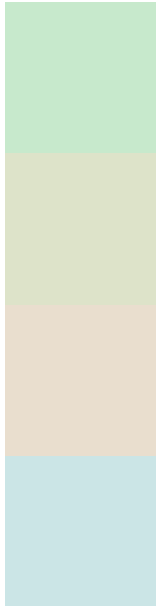




Tritanopia

86.4017, -7.8189, -6.1759

Trichromacy



Original Color

86.4752, -20.0682, 13.7665

Protanomaly

86.3292, -10.8254, 15.0553

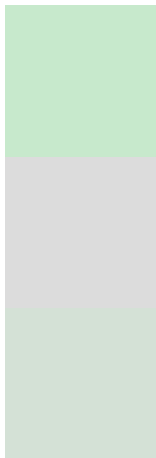
Deuteranomaly

86.0363, -3.5371, 12.7133

Tritanomaly

86.2834, -12.5319, 1.5057

Monochromacy



Original Color

86.4752, -20.0682, 13.7665

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

85.2658, -10.5987, 8.1175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.4752, -20.0682, 13.7665 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(199, 233, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 233, 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(199, 233, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 233, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 86.4752, -20.0682, 13.7665 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(199, 233, 204) }
```


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

```
.border{ border-color:rgb(199, 233, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 233, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 233, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 233, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 233,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.4752, -20.0682, 13.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 233, 204) }
```

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

```
.background{ background-color: rgb(199,  
233, 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