

Converting Colors

HunterLab(84.5626, -15.9415,
16.4542)

Have a look what the booklet for
HunterLab(84.5626, -15.9415,
16.4542) contains.

HunterLab(84.5626, -15.9415, 16.4542)	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(84.5626,
-15.9415, 16.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE2C1
RGB	207, 226, 193
RGB Percent	81%, 89%, 76%
CMY	0.1882, 0.1137, 0.2431
CMYK	0.08, 0.00, 0.15, 0.11
HSL	95°, 36%, 82%
HSV	95°, 15%, 89%
XYZ	62.5541, 71.5083, 60.9576
YIQ	216.5570, -0.7310, -14.2910

Conversions

Conversions Part 2

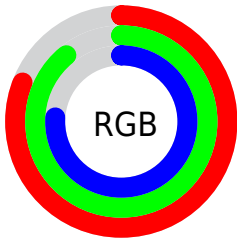
Format	Color
RYB	193, 226, 212
Decimal	13624001
CIELab	87.73, -12.20, 14.01
CIELCh	88, 18.579, 131.046
Yxy	71.5114, 0.3208, 0.3667
Android (android.graphics.Color)	4291814081 (0xFFCFE2C1)
YUV	216.5570, -11.6136, -8.3815
Hunter-Lab	84.5626, -15.9415, 16.4542

Details

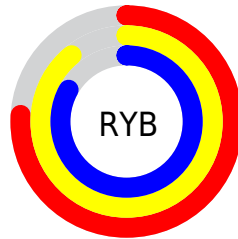
The HunterLab color $84.5626, -15.9415, 16.4542$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $75.9144, 8.1162, -9.2777$, and the grayscale version is $83.1577, -4.4371, 4.5181$.

A 20% lighter version of the original color is $99.8096, -6.3799, 8.1519$, and $61.4510, -13.5414, 14.0616$ is the 20% darker color. If you saturate the color by 10%, you get $82.9341, -23.0205, 23.3701$, and if you desaturate by 10%, it is $86.3428, -8.3278, 8.6324$.

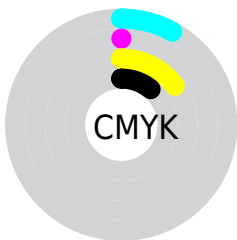
Distribution



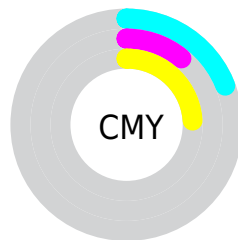
- Red (81%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.5626, -15.9415, 16.4542 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 84.5626, -15.9415, 16.4542 by changing the saturation by 10% instead.

■ 84.5626, -15.9415,
16.4542

■ 84.5626, -15.9415,
16.4542

215.8331,
-27.3444, 28.5584

■ 72.6358, -14.7098,
15.1239

■ 110.1643,
-18.4195, 19.1100

■ 61.3278, -13.4745,
13.7837

123.7857,
-19.6662, 20.4396

■ 50.6763, -12.2329,
12.4278

137.9263,
-20.9208, 21.7737

■ 40.7247, -10.9780,
11.0463

152.5679,
-22.1845, 23.1140

■ 31.5263, -9.6990,
9.6246

167.6938,
-23.4581, 24.4616

■ 23.1486, -8.3791,
8.1390

183.2889,

■ 15.6817, -6.9886,

-24.7423, 25.8177

6.5494

199.3395,
-26.0376, 27.1831

■ 9.2525, -6.2400,
6.4767

0.0000, NaN, NaN

■ 84.5626, -15.9415,
16.4542

■ 84.5626, -15.9415,
16.4542

■ 82.9341, -23.0205,
23.3701

■ 86.3428, -8.3278,
8.6324

■ 81.4542, -29.5181,
29.3417

■ 88.2661, -0.2174,
-0.0542

■ 80.1260, -35.4007,
34.3471

■ 90.1200, 7.2200,
-6.5846

■ 78.9493, -40.6401,
38.3790

■ 91.0360, 10.2690,
-5.3405

■ 77.9227, -45.2181,
41.4494

■ 77.0426, -49.1294,
43.5940

■ 76.3034, -52.3842,
44.8773

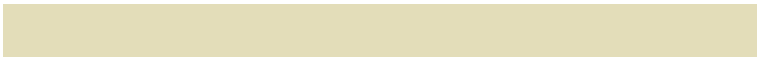
■ 75.6965, -55.0142,
45.4033

■ 75.4156, -56.2191,
45.4865

Harmonies

Analogous

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



84.5644, -7.9161, 19.6567



84.5626, -15.9415, 16.4542



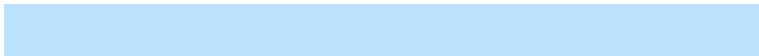
84.5644, -20.7758, 9.9449

Triad

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



84.5644, -15.9435, 16.4553



84.5644, -10.2479, -13.1206



84.5644, 13.7625, 7.7983

Complementary

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



84.5626, -15.9415, 16.4542



75.9144, 8.1162, -9.2777

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.



84.5644, 13.0720, -1.1117



84.5626, -15.9415, 16.4542



84.5644, -1.0627, -13.8556

Square

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



84.5644, -15.9435, 16.4553



84.5644, -17.5869, -7.3484



84.5644, 7.5511, -9.2597



84.5644, 9.3990, 15.0304

Rectangle

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



84.5626, -15.9415, 16.4542



84.5644, -21.6660, 4.2920



84.5644, 7.5511, -9.2597



84.5644, 14.1185, 4.9130

Sweetspot

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



84.5644, -15.9435, 16.4553



99.1279, -9.0281, 9.3508



81.8284, -2.5849, 13.8205



45.7866, -4.4934, 4.6587

0.0000, NaN, NaN



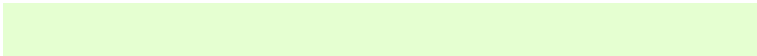
46.2646, -2.4686, 2.5136

Same Dimension

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



84.5644, -15.9435, 16.4553



96.2890, -21.2089, 21.7785



83.4760, -19.7849, 14.3354



39.5221, -5.5846, 5.7932



57.0195, -42.2183, 34.3960



15.1838, -10.4038, 9.1740

Inverse Universe

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



75.9144, 8.1162, -9.2777



84.0372, 12.9005, -14.7385



77.2538, 12.3680, -6.1964



36.9202, 1.6455, -1.9322



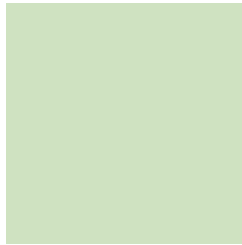
24.3261, 54.5364, -84.1026



6.8014, 14.8400, -20.3523

Previews

White Background



This preview shows how the HunterLab color 84.5626, -15.9415, 16.4542 looks on a white background.

Color Contrast Check

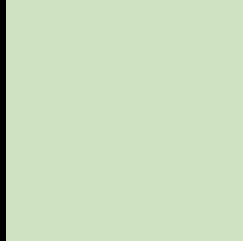
Large Text (above 18pt) WCAG AA × Fail

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 84.5626, -15.9415, 16.4542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

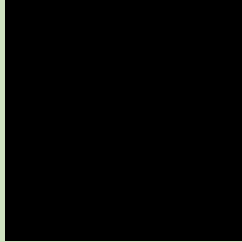
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

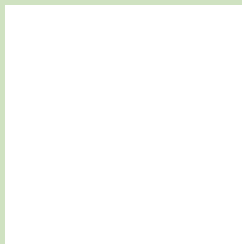
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.5626, -15.9415, 16.4542 Background



This preview shows how black text looks on a background with the HunterLab color 84.5626, -15.9415, 16.4542.



This preview shows how white text looks on a background with the HunterLab color 84.5626,

-15.9415, 16.4542.

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

84.5626, -15.9415, 16.4542

Protanopia

84.4548, -5.1903, 18.1510

Deuteranopia

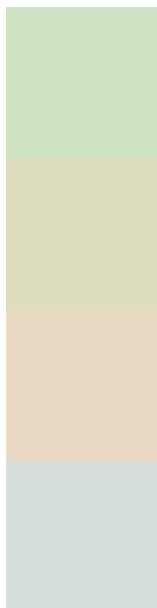
84.4964, 6.2004, 15.5296



Tritanopia

84.6150, -3.3379, -4.0600

Trichromacy



Original Color

84.5626, -15.9415, 16.4542

Protanomaly

84.5517, -9.6022, 17.7718

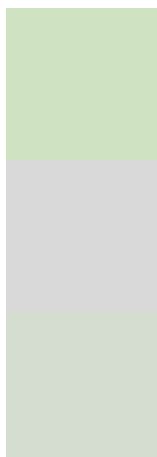
Deuteranomaly

84.2961, -2.2660, 15.5892

Tritanomaly

84.4464, -8.1956, 3.8635

Monochromacy



Original Color

84.5626, -15.9415, 16.4542

Achromatopsia

83.2990, -4.4446, 4.5258

Achromatomaly

83.5982, -8.7487, 9.0370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.5626, -15.9415, 16.4542 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(207, 226, 193)` looks like.

```
.text, #text, p{  
    color:rgb(207, 226, 193)  
}
```

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(207, 226, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 226, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 84.5626, -15.9415, 16.4542 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(207, 226, 193) }
```


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

```
.border{ border-color:rgb(207, 226, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 226, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 226, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 226, 193); box-shadow:4px 4px 4px 4px rgb(207, 226, 193) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.5626, -15.9415, 16.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 226, 193) }
```

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

```
.background{ background-color: rgb(207,  
226, 193) }
```

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