

Converting Colors

HunterLab(83.3582, -11.9803,
3.7909)

Have a look what the booklet for
HunterLab(83.3582, -11.9803,
3.7909) contains.

HunterLab(83.4169, -12.0343, 4.0455)	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(83.4169,
-12.0343, 4.0455)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DEDA
RGB	200, 222, 218
RGB Percent	78%, 87%, 85%
CMY	0.2157, 0.1294, 0.1451
CMYK	0.10, 0.00, 0.02, 0.13
HSL	169°, 25%, 83%
HSV	169°, 10%, 87%
XYZ	62.5955, 69.5838, 76.4615
YIQ	214.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

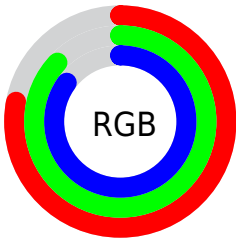
Format	Color
R _Y B	200, 212, 222
Decimal	13164250
CIE Lab	86.79, -8.06, -0.54
CIE LCh	87, 8.074, 183.836
Yxy	69.5867, 0.3000, 0.3335
Android (android.graphics.Color)	4291354330 (0xFFC8DEDA)
YUV	214.9660, 1.4958, -13.1252
Hunter-Lab	83.4169, -12.0343, 4.0455

Details

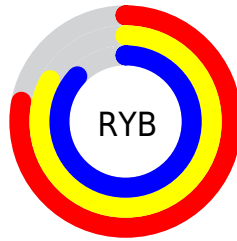
The HunterLab color $83.4169, -12.0343, 4.0455$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78.2301, 3.8343, 4.9739$, and the grayscale version is $82.4186, -4.3977, 4.4780$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $60.3264, -10.0471, 2.9419$ is the 20% darker color. If you saturate the color by 10%, you get $81.5719, -18.9615, 3.7100$, and if you desaturate by 10%, it is $85.4884, -4.4908, 4.6502$.

Distribution



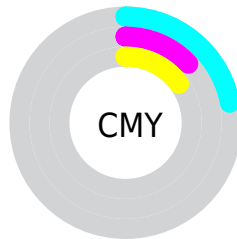
- Red (78%)
- Green (87%)
- Blue (85%)



- Red (78%)
- Yellow (83%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.4169, -12.0343, 4.0455 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 83.4169, -12.0343, 4.0455 by changing the saturation by 10% instead.

■ 83.4169, -12.0343,
4.0455

■ 83.4169, -12.0343,
4.0455

214.2656,
-21.9145, 10.9876

■ 71.5470, -11.0095,
3.4251

108.9124,
-14.1270, 5.3888

■ 60.2989, -9.9938,
2.8386

122.4841,
-15.1936, 6.1061

■ 49.7112, -8.9863,
2.2897

136.5768,
-16.2750, 6.8526

■ 39.8279, -7.9833,
1.7812

151.1720,
-17.3717, 7.6271

■ 30.7034, -6.9789,
1.3163

166.2531,
-18.4839, 8.4287

■ 22.4070, -5.9635,
0.8996

181.8047,

■ 15.0314, -4.9195,

-19.6117, 9.2565

0.5374

197.8131,
-20.7552, 10.1097

■ 8.6724, -4.5111,
0.2139

0.0000, NaN, NaN

■ 83.4169, -12.0343,
4.0455

■ 83.4169, -12.0343,
4.0455

■ 81.5719, -18.9615,
3.7100

■ 85.4884, -4.4908,
4.6502

■ 79.9516, -25.2065,
3.6459

■ 87.7757, 3.6078,
5.5101

■ 78.5588, -30.7189,
3.8555

■ 89.0084, 8.0030,
5.0608

■ 77.3915, -35.4607,
4.3336

■ 89.1374, 8.6906,
3.2221

■ 76.4442, -39.4117,
5.0686

■ 89.2691, 9.3920,
1.3464

■ 75.7072, -42.5745,
6.0417

■ 89.4037, 10.1071,
-0.5660

■ 75.1663, -44.9781,
7.2271

■ 89.5410, 10.8360,
-2.5151

■ 74.8012, -46.6837,
8.5912

■ 89.6811, 11.5787,
-4.5009

■ 74.5716, -47.8414,
10.0775

■ 89.8240, 12.3351,
-6.5233

Harmonies

Analogous

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



83.4187, -11.2870, 7.7214



83.4169, -12.0343, 4.0455



83.4187, -10.7856, 0.3375

Triad

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



83.4187, -12.0360, 4.0468



83.4187, -0.1033, -1.8073



83.4187, -1.0163, 10.8804

Complementary

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



83.4169, -12.0343, 4.0455



78.2301, 3.8343, 4.9739

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.



83.4187, 2.0692, 8.5360



83.4169, -12.0343, 4.0455



83.4187, 2.6033, 1.2296

Square

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



83.4187, -12.0360, 4.0468



83.4187, -3.9372, -3.1420



83.4187, 3.4057, 5.0316



83.4187, -4.9725, 11.5558

Rectangle

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



83.4169, -12.0343, 4.0455



83.4187, -8.9723, -1.6228



83.4187, 3.4057, 5.0316



83.4187, 0.1596, 10.2670

Sweetspot

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



83.4187, -12.0360, 4.0468



99.2414, -8.0748, 5.1883



83.2212, -13.8132, 12.1078



45.8216, -4.0697, 2.3722

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.4187, -12.0360, 4.0468



97.1071, -15.9146, 4.6219



81.3471, -7.8135, -0.3825



39.4047, -5.5215, 1.9199



57.4828, -36.7978, 7.5873



15.1711, -9.4624, 1.4639

Inverse Universe

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



78.2301, 3.8343, 4.9739



89.7206, 6.6890, 5.9468



80.1944, -0.4313, 9.0075



37.0689, 1.6225, 2.3370



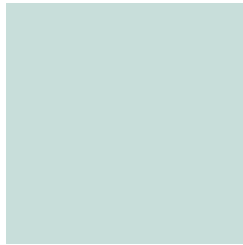
30.5428, 52.6471, 17.0876



8.1160, 14.1369, 3.3993

Previews

White Background



This preview shows how the HunterLab color 83.4169, -12.0343, 4.0455 looks on a white background.

Color Contrast Check

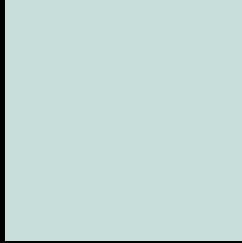
Large Text (above 18pt) WCAG AA × Fail

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 83.4169, -12.0343, 4.0455 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

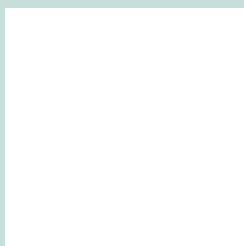
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.4169, -12.0343, 4.0455 Background



This preview shows how black text looks on a background with the HunterLab color 83.4169, -12.0343, 4.0455.



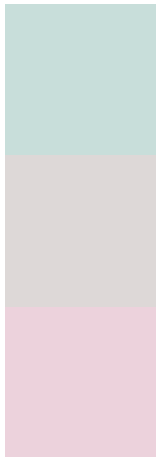
This preview shows how white text looks on a background with the HunterLab color 83.4169, -12.0343, 4.0455.

-12.0343, 4.0455.

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

83.4169, -12.0343, 4.0455

Protanopia

83.3008, -2.9768, 5.5185

Deuteranopia

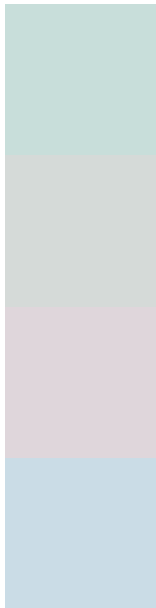
83.1224, 6.0522, 3.0289



Tritanopia

83.3510, -6.1367, -5.7391

Trichromacy



Original Color

83.4169, -12.0343, 4.0455

Protanomaly

83.2147, -6.3974, 4.8767

Deuteranomaly

83.0034, -0.6032, 3.2643

Tritanomaly

83.3403, -8.2696, -2.0498

Monochromacy



Original Color

83.4169, -12.0343, 4.0455

Achromatopsia

82.4344, -4.3985, 4.4788

Achromatomaly

82.9472, -7.3357, 4.5462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4169, -12.0343, 4.0455 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(200, 222, 218)` looks like.

```
.text, #text, p{  
    color:rgb(200, 222, 218)  
}
```

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(200, 222, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 222, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4169, -12.0343, 4.0455 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(200, 222, 218) }
```


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

```
.border{ border-color:rgb(200, 222, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 222, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 222, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 222, 218);  
box-shadow:4px 4px 4px 4px rgb(200, 222,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4169, -12.0343, 4.0455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 222, 218) }
```

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

```
.background{ background-color: rgb(200,  
222, 218) }
```

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