

Converting Colors

HunterLab(80.6059, -29.5172,
16.9967)

Have a look what the booklet for
HunterLab(80.6059, -29.5172,
16.9967) contains.

HunterLab(80.6059, -29.5172, 16.9967)	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(80.6059,
-29.5172, 16.9967)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E1B5
RGB	163, 225, 181
RGB Percent	64%, 88%, 71%
CMY	0.3608, 0.1176, 0.2902
CMYK	0.28, 0.00, 0.20, 0.12
HSL	137°, 51%, 76%
HSV	137°, 28%, 88%
XYZ	50.3699, 64.9731, 53.6024
YIQ	201.4460, -22.8280, -26.8280

Conversions

Conversions Part 2

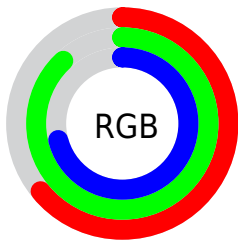
Format	Color
RYB	163, 211, 225
Decimal	10740149
CIELab	84.47, -28.44, 15.30
CIELCh	84, 32.297, 151.714
Yxy	64.9758, 0.2981, 0.3846
Android (android.graphics.Color)	4288930229 (0xFFA3E1B5)
YUV	201.4460, -10.0799, -33.7171
Hunter-Lab	80.6059, -29.5172, 16.9967

Details

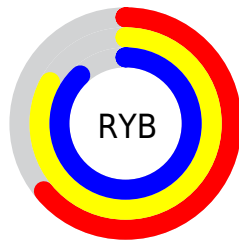
The HunterLab color $80.6059, -29.5172, 16.9967$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $68.3435, 25.1272, -8.6610$, and the grayscale version is $76.6653, -4.0907, 4.1654$.

A 20% lighter version of the original color is $96.2780, -19.6849, 9.6414$, and $57.6623, -25.0213, 14.0947$ is the 20% darker color. If you saturate the color by 10%, you get $78.8605, -37.0069, 21.1703$, and if you desaturate by 10%, it is $82.6193, -21.1539, 12.6447$.

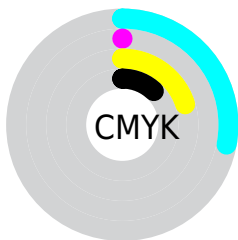
Distribution



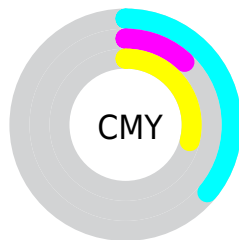
- Red (64%)
- Green (88%)
- Blue (71%)



- Red (64%)
- Yellow (83%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (36%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6059, -29.5172, 16.9967 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 80.6059, -29.5172, 16.9967 by changing the saturation by 10% instead.

■ 80.6059, -29.5172,
16.9967

■ 80.6059, -29.5172,
16.9967

210.4056,
-47.0662, 29.5724

■ 68.8778, -27.4275,
15.5953

■ 105.8372,
-33.5706, 19.7787

■ 57.7796, -25.2765,
14.1773

■ 119.2849,
-35.5488, 21.1654

■ 47.3512, -23.0478,
12.7349

133.2583,
-37.5036, 22.5535

■ 37.6389, -20.7158,
11.2553

147.7384,
-39.4398, 23.9449

■ 28.6998, -18.2420,
9.7194

162.7080,
-41.3613, 25.3413

■ 20.6079, -15.5649,
8.0960

178.1516,

■ 13.4632, -12.5772,

-43.2711, 26.7440

6.4544

194.0551,
-45.1720, 28.1541

■ 7.0356, -12.3123,
4.9249

0.0000, NaN, NaN

■ 80.6059, -29.5172,
16.9967

■ 80.6059, -29.5172,
16.9967

■ 78.8605, -37.0069,
21.1703

■ 82.6193, -21.1539,
12.6447

■ 77.3799, -43.5401,
25.1114

■ 84.8906, -12.0046,
8.1610

■ 76.1635, -49.0597,
28.7711

■ 87.4134, -2.1683,
3.5928

■ 75.2042, -53.5357,
32.1036

■ 90.1782, 8.2570,
-1.0191

■ 74.4892, -56.9727,
35.0699

■ 90.7375, 10.8156,
-5.7176

■ 73.9991, -59.4179,
37.6395

■ 73.7026, -60.9815,
39.7890

■ 73.6466, -61.2838,
40.2422

Harmonies

Analogous

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



80.6076, -19.7676, 25.4285



80.6059, -29.5172, 16.9967



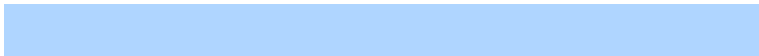
80.6076, -32.6659, 3.5120

Triad

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



80.6076, -29.5186, 16.9976



80.6076, -3.3879, -30.4646



80.6076, 23.4096, 18.2379

Complementary

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



80.6059, -29.5172, 16.9967



68.3435, 25.1272, -8.6610

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.



80.6076, 28.6150, 5.2536



80.6059, -29.5172, 16.9967



80.6076, 12.4181, -24.5074

Square

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



80.6076, -29.5186, 16.9976



80.6076, -18.2981, -25.6819



80.6076, 24.4469, -10.6594



80.6076, 10.7123, 26.0409

Rectangle

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



80.6059, -29.5172, 16.9967



80.6076, -30.8076, -7.1411



80.6076, 24.4469, -10.6594



80.6076, 26.1360, 14.4308

Sweetspot

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



80.6076, -29.5186, 16.9976



97.6916, -14.3804, 9.6656



83.5618, -19.3636, 26.5652



45.0054, -7.4141, 4.8370

0.0000, NaN, NaN



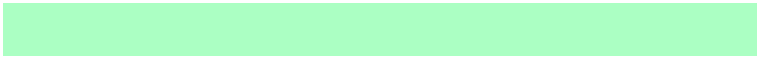
46.2646, -2.4686, 2.5136

Same Dimension

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



80.6076, -29.5186, 16.9976



91.7136, -39.0436, 22.3456



81.4686, -24.5602, 4.6465



39.2459, -6.4074, 4.1897



55.9203, -46.4212, 30.3145



14.7743, -11.8985, 7.2188

Inverse Universe

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



68.3435, 25.1272, -8.6610



74.8829, 36.1439, -12.8318



67.3462, 20.0485, 5.4893



37.2347, 2.5127, -0.0242



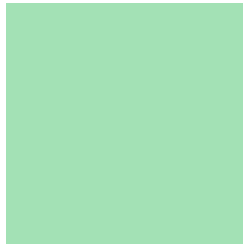
32.7133, 60.5384, -13.8675



8.7011, 16.2539, -4.8652

Previews

White Background



This preview shows how the HunterLab color 80.6059, -29.5172, 16.9967 looks on a white background.

Color Contrast Check

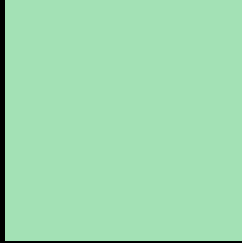
Large Text (above 18pt) WCAG AA × Fail

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 80.6059, -29.5172, 16.9967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

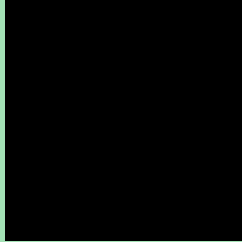
Any Text WCAG AA ✓ Pass

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 80.6059, -29.5172, 16.9967 Background



This preview shows how black text looks on a background with the HunterLab color 80.6059, -29.5172, 16.9967.



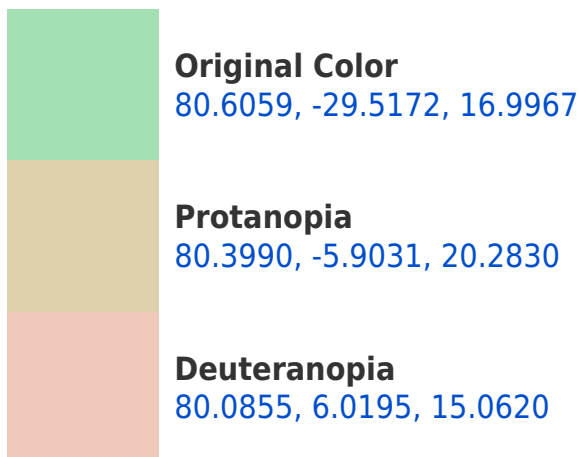
This preview shows how white text looks on a background with the HunterLab color 80.6059,

-29.5172, 16.9967.

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

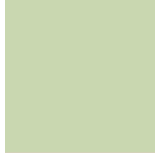
80.6382, -14.2773, -8.3504

Trichromacy



Original Color

80.6059, -29.5172, 16.9967



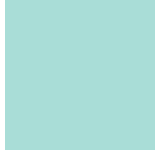
Protanomaly

80.0956, -14.8664, 18.6894



Deuteranomaly

79.6259, -8.0641, 15.1579



Tritanomaly

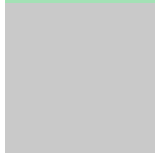
80.6562, -20.5691, 2.0806

Monochromacy



Original Color

80.6059, -29.5172, 16.9967



Achromatopsia

76.4250, -4.0778, 4.1523



Achromatomaly

77.8158, -13.9651, 8.8173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6059, -29.5172, 16.9967 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(163, 225, 181)` looks like.

```
.text, #text, p{  
    color:rgb(163, 225, 181)  
}
```

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(163, 225, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 225, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6059, -29.5172, 16.9967 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(163, 225, 181) }
```


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

```
.border{ border-color:rgb(163, 225, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 225, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 225, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 225, 181);  
box-shadow:4px 4px 4px 4px rgb(163, 225,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6059, -29.5172, 16.9967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 225, 181) }
```

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

```
.background{ background-color: rgb(163,  
225, 181) }
```

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