

Converting Colors

HunterLab(77.2174, -29.3862,
29.2862)

Have a look what the booklet for
HunterLab(77.2174, -29.3862,
29.2862) contains.

HunterLab(77.1669, -29.1118, 29.1437)	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(77.1669,
-29.1118, 29.1437)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD888
RGB	171, 216, 136
RGB Percent	67%, 85%, 53%
CMY	0.3294, 0.1529, 0.4667
CMYK	0.21, 0.00, 0.37, 0.15
HSL	94°, 51%, 69%
HSV	94°, 37%, 85%
XYZ	45.7945, 59.5473, 32.3728
YIQ	193.4250, -1.1400, -34.4200

Conversions

Conversions Part 2

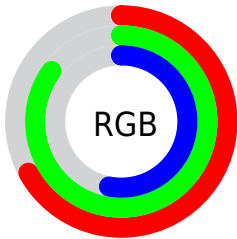
Format	Color
RYB	136, 216, 181
Decimal	11262088
CIELab	81.59, -28.68, 34.78
CIElCh	82, 45.075, 129.510
Yxy	59.5499, 0.3325, 0.4324
Android (android.graphics.Color)	4289452168 (0xFFABD888)
YUV	193.4250, -28.3105, -19.6667
Hunter-Lab	77.1669, -29.1118, 29.1437

Details

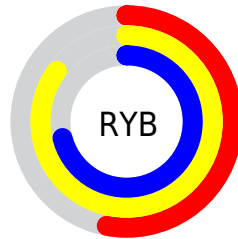
The HunterLab color $77.1669, -29.1118, 29.1437$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $56.9137, 26.6615, -32.1449$, and the grayscale version is $73.3236, -3.9124, 3.9838$.

A 20% lighter version of the original color is $95.6915, -24.3250, 28.3551$, and $54.7061, -24.8633, 23.9599$ is the 20% darker color. If you saturate the color by 10%, you get $75.9565, -34.4915, 33.6799$, and if you desaturate by 10%, it is $78.5208, -23.1582, 23.6884$.

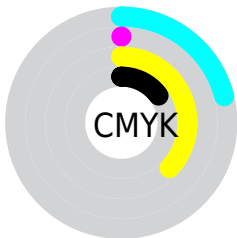
Distribution



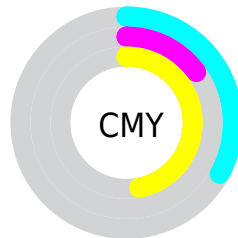
- Red (67%)
- Green (85%)
- Blue (53%)



- Red (53%)
- Yellow (85%)
- Blue (71%)



- Cyan (21%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)




- Cyan (33%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.1669, -29.1118, 29.1437 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 77.1669, -29.1118, 29.1437 by changing the saturation by 10% instead.


 77.1669, -29.1118,
29.1437


 77.1669, -29.1118,
29.1437


205.6542,
-46.8060, 49.5789


 65.6170, -26.9936,
26.6133


 102.0669,
-33.2116, 33.9781

 54.7074, -24.8084,
23.9805


 115.3594,
-35.2087, 36.3081

 44.4800, -22.5379,
21.2192


 129.1835,
-37.1803, 38.5938

 34.9838, -20.1531,
18.2925

143.5196,
-39.1316, 40.8426

 26.2801, -17.6100,
15.1505

158.3500,
-41.0667, 43.0608

 18.4490, -14.8361,
12.3630

173.6587,

 11.6014, -12.3049,

-42.9890, 45.2535

8.1210

189.4312,
-44.9013, 47.4250

■ 4.1994, -7.3489,
2.9396

0.0000, NaN, NaN

■ 77.1669, -29.1118,
29.1437

■ 77.1669, -29.1118,
29.1437

■ 75.9565, -34.4915,
33.6799

■ 78.5208, -23.1582,
23.6884

■ 74.8841, -39.2688,
37.2928

■ 80.0123, -16.6558,
17.3291

■ 73.9494, -43.4318,
40.0003

■ 81.6413, -9.6425,
10.0958

■ 73.1489, -46.9792,
41.8422

■ 83.4050, -2.1572,
2.0275

■ 72.4768, -49.9250,
42.8871

■ 85.3002, 5.7590,
-6.8304

■ 71.9237, -52.3076,
43.2518

■ 86.9199, 11.9392,
-10.7654

■ 71.7775, -52.9348,
43.3023

■ 88.0876, 15.7538,
-9.1236

Harmonies

Analogous

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



77.1686, -10.9528, 34.1724



77.1669, -29.1118, 29.1437



77.1686, -39.7205, 16.9416

Triad

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



77.1686, -29.1136, 29.1444



77.1686, -18.3080, -43.4998



77.1686, 41.9271, 10.5267

Complementary

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



77.1669, -29.1118, 29.1437



56.9137, 26.6615, -32.1449

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.



77.1686, 39.3913, -11.1688



77.1669, -29.1118, 29.1437



77.1686, 2.9557, -46.6353

Square

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



77.1686, -29.1136, 29.1444



77.1686, -33.9814, -25.8582



77.1686, 24.5210, -33.5108



77.1686, 31.1066, 25.5772

Rectangle

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



77.1669, -29.1118, 29.1437



77.1686, -41.8580, 4.5421



77.1686, 24.5210, -33.5108



77.1686, 42.6333, 3.8574

Sweetspot

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



77.1686, -29.1136, 29.1444



97.6998, -15.1486, 15.8566



70.0153, 2.6165, 23.4636



45.0757, -7.5454, 7.8904

0.0000, NaN, NaN



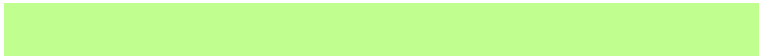
46.2646, -2.4686, 2.5136

Same Dimension

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



77.1686, -29.1136, 29.1444



92.0263, -39.9887, 39.3148



74.9948, -37.3561, 25.9414



37.6285, -5.2594, 5.5089



55.2762, -40.4930, 33.3520



13.7528, -9.2126, 8.3131

Inverse Universe

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



56.9137, 26.6615, -32.1449



63.1782, 39.9525, -49.1558



60.7967, 37.4972, -22.6277



35.1423, 1.5066, -1.8337



23.2966, 52.4922, -82.5895



6.1315, 13.3870, -18.4146

Previews

White Background



This preview shows how the HunterLab color 77.1669, -29.1118, 29.1437 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 77.1669, -29.1118, 29.1437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

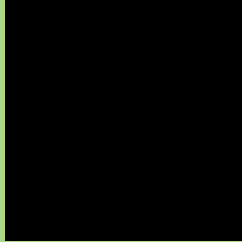
Any Text WCAG AA ✓ Pass

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 77.1669, -29.1118, 29.1437 Background



This preview shows how black text looks on a background with the HunterLab color 77.1669, -29.1118, 29.1437.



This preview shows how white text looks on a background with the HunterLab color 77.1669,

-29.1118, 29.1437.

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

77.1669, -29.1118, 29.1437

Protanopia

76.8560, -7.5371, 30.9342

Deuteranopia

76.9464, 5.4020, 28.0916



Tritanopia

77.2055, -7.8951, -5.6355

Trichromacy



Original Color

77.1669, -29.1118, 29.1437

Protanomaly

76.7125, -15.9611, 30.1186

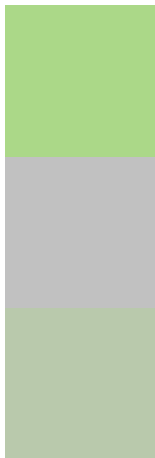
Deuteranomaly

76.6186, -8.0454, 28.1694

Tritanomaly

77.0964, -16.7443, 9.3072

Monochromacy



Original Color

77.1669, -29.1118, 29.1437

Achromatopsia

73.0258, -3.8965, 3.9676

Achromatomaly

74.2066, -13.5806, 14.3038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.1669, -29.1118, 29.1437 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(171, 216, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 216, 136)  
}
```

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(171, 216, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 216, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 77.1669, -29.1118, 29.1437 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(171, 216, 136) }
```


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

```
.border{ border-color:rgb(171, 216, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 216, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 216, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 216, 136); box-shadow:4px 4px 4px 4px rgb(171, 216, 136) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.1669, -29.1118, 29.1437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 216, 136) }
```

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

```
.background{ background-color: rgb(171,  
216, 136) }
```

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