

Converting Colors

HunterLab(81.4385, -28.8702,
11.0405)

Have a look what the booklet for
HunterLab(81.4385, -28.8702,
11.0405) contains.

HunterLab(81.4496, -28.9159, 11.2307)	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(81.4496,
-28.9159, 11.2307)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE3C5
RGB	159, 227, 197
RGB Percent	62%, 89%, 77%
CMY	0.3765, 0.1098, 0.2274
CMYK	0.30, 0.00, 0.13, 0.11
HSL	154°, 55%, 76%
HSV	154°, 30%, 89%
XYZ	51.8452, 66.3404, 62.8958
YIQ	203.2480, -30.8980, -23.7460

Conversions

Conversions Part 2

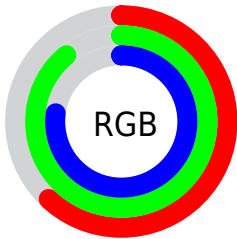
Format	Color
RYB	159, 203, 227
Decimal	10478533
CIELab	85.17, -27.54, 7.87
CIELCh	85, 28.646, 164.061
Yxy	66.3431, 0.2863, 0.3664
Android (android.graphics.Color)	4288668613 (0xFF9FE3C5)
YUV	203.2480, -3.0803, -38.8055
Hunter-Lab	81.4496, -28.9159, 11.2307

Details

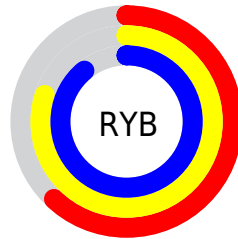
The HunterLab color $81.4496, -28.9159, 11.2307$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $66.9350, 24.9071, -0.9667$, and the grayscale version is $77.4085, -4.1303, 4.2058$.

A 20% lighter version of the original color is $96.5002, -17.8003, 1.5413$, and $58.4057, -24.7457, 9.1760$ is the 20% darker color. If you saturate the color by 10%, you get $79.8671, -35.5266, 13.6964$, and if you desaturate by 10%, it is $83.2799, -21.5180, 8.9054$.

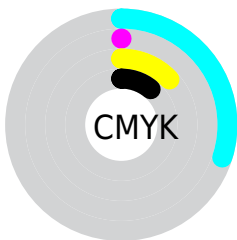
Distribution



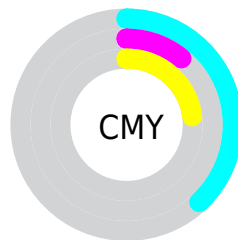
- Red (62%)
- Green (89%)
- Blue (77%)



- Red (62%)
- Yellow (80%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.4496, -28.9159, 11.2307 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 81.4496, -28.9159, 11.2307 by changing the saturation by 10% instead.

■ 81.4496, -28.9159,
11.2307

■ 81.4496, -28.9159,
11.2307

211.5663,
-46.1059, 21.0638

■ 69.6785, -26.8781,
10.2138

■ 106.7608,
-32.8750, 13.3074

■ 58.5350, -24.7836,
9.2070

■ 120.2459,
-34.8101, 14.3673

■ 48.0583, -22.6168,
8.2084

134.2554,
-36.7240, 15.4428

■ 38.2942, -20.3539,
7.2139

148.7703,
-38.6211, 16.5343

■ 29.2988, -17.9591,
6.2166

163.7736,
-40.5051, 17.6420

■ 21.1447, -15.3753,
5.2049

179.2498,

■ 13.9297, -12.5028,

-42.3790, 18.7661

4.1573

195.1850,
-44.2452, 19.9067

■ 7.5662, -13.2409,
4.7216

0.0000, NaN, NaN

■ 81.4496, -28.9159,
11.2307

■ 81.4496, -28.9159,
11.2307

■ 79.8671, -35.5266,
13.6964

■ 83.2799, -21.5180,
8.9054

■ 78.5268, -41.2900,
16.2711

■ 85.3502, -13.3989,
6.7404

■ 77.4262, -46.1703,
18.9223

■ 87.6568, -4.6371,
4.7537

■ 76.5566, -50.1552,
21.6126

■ 90.1924, 4.6870,
2.9569

■ 75.9040, -53.2633,
24.3017

■ 91.0609, 8.2643,
-1.0799

■ 75.4480, -55.5504,
26.9467

■ 91.3349, 9.7236,
-4.9642

■ 75.1471, -57.1701,
29.4913

■ 75.1459, -57.1766,
29.5020

Harmonies

Analogous

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



81.4513, -22.4368, 20.9391



81.4496, -28.9159, 11.2307



81.4513, -29.1198, -2.1148

Triad

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



81.4513, -28.9171, 11.2317



81.4513, 2.3721, -24.9120



81.4513, 16.1575, 20.4701

Complementary

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



81.4496, -28.9159, 11.2307



66.9350, 24.9071, -0.9667

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.



81.4513, 23.7857, 10.4798



81.4496, -28.9159, 11.2307



81.4513, 15.4664, -16.4657

Square

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



81.4513, -28.9171, 11.2317



81.4513, -11.6948, -24.6170



81.4513, 23.5244, -3.0062



81.4513, 3.2639, 25.6171

Rectangle

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



81.4496, -28.9159, 11.2307



81.4513, -25.7058, -11.4511



81.4513, 23.5244, -3.0062



81.4513, 19.4605, 17.6493

Sweetspot

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



81.4513, -28.9171, 11.2317



97.6059, -14.4179, 7.4782



82.6680, -26.2030, 26.9552



44.9874, -7.3246, 3.6202

0.0000, NaN, NaN



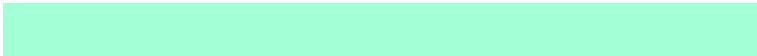
46.2646, -2.4686, 2.5136

Same Dimension

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



81.4513, -28.9171, 11.2317



91.7650, -37.8349, 14.5629



81.2505, -21.9871, -3.3521



40.2782, -6.1175, 3.1285



57.4067, -43.5350, 22.2261



15.6649, -11.4671, 5.1744

Inverse Universe

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



66.9350, 24.9071, -0.9667



72.0214, 35.6457, -1.8711



66.9459, 18.6396, 12.5274



38.0436, 2.1137, 1.2214



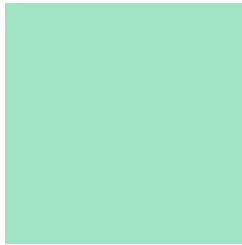
31.7572, 56.1514, 6.8286



8.7389, 15.6509, 0.3353

Previews

White Background



This preview shows how the HunterLab color 81.4496, -28.9159, 11.2307 looks on a white background.

Color Contrast Check

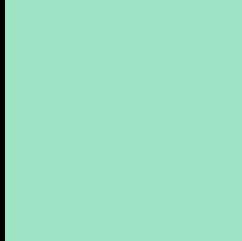
Large Text (above 18pt) WCAG AA × Fail

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 81.4496, -28.9159, 11.2307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

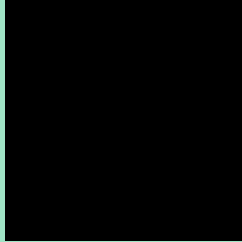
Any Text WCAG AA ✓ Pass

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 81.4496, -28.9159, 11.2307 Background



This preview shows how black text looks on a background with the HunterLab color 81.4496, -28.9159, 11.2307.



This preview shows how white text looks on a background with the HunterLab color 81.4496, -28.9159, 11.2307.

-28.9159, 11.2307.

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**

81.4496, -28.9159, 11.2307

Protanopia

81.0153, -4.5156, 14.6086

Deuteranopia

81.0924, 5.7532, 9.2154



Tritanopia

81.4062, -16.1941, -9.5972

Trichromacy



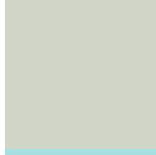
Original Color

81.4496, -28.9159, 11.2307



Protanomaly

80.8933, -14.4272, 13.0423



Deuteranomaly

80.7270, -8.0900, 9.4690



Tritanomaly

81.3366, -20.8486, -1.6517

Monochromacy



Original Color

81.4496, -28.9159, 11.2307



Achromatopsia

77.2788, -4.1234, 4.1987



Achromatomaly

78.6567, -13.7888, 6.5738

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.4496, -28.9159, 11.2307 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(159, 227, 197)` looks like.

```
.text, #text, p{  
    color:rgb(159, 227, 197)  
}
```

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(159, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 227, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 81.4496, -28.9159, 11.2307 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(159, 227, 197) }
```


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

```
.border{ border-color:rgb(159, 227, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 227, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 227, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 227, 197); box-shadow:4px 4px 4px 4px rgb(159, 227, 197) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.4496, -28.9159, 11.2307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 227, 197) }
```

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

```
.background{ background-color: rgb(159,  
227, 197) }
```

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