

Converting Colors

HunterLab(79.8694, -28.5211,
5.6399)

Have a look what the booklet for
HunterLab(79.8694, -28.5211,
5.6399) contains.

HunterLab(80.0094, -28.7172, 5.9981)	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(80.0094,
-28.7172, 5.9981)**

Conversions

Conversions Part 1

Format	Color
Hex	94E0CD
RGB	148, 224, 205
RGB Percent	58%, 88%, 80%
CMY	0.4196, 0.1216, 0.1961
CMYK	0.34, 0.00, 0.08, 0.12
HSL	165°, 55%, 73%
HSV	165°, 34%, 88%
XYZ	49.8879, 64.0150, 67.4844
YIQ	199.1100, -39.1970, -22.0210

Conversions

Conversions Part 2

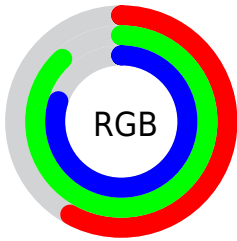
Format	Color
RYB	148, 191, 224
Decimal	9756877
CIELab	83.97, -27.60, 1.85
CIELCh	84, 27.658, 176.168
Yxy	64.0176, 0.2750, 0.3529
Android (android.graphics.Color)	4287946957 (0xFF94E0CD)
YUV	199.1100, 2.9038, -44.8235
Hunter-Lab	80.0094, -28.7172, 5.9981

Details

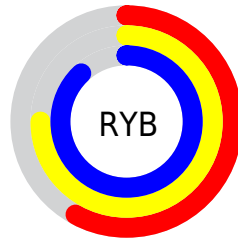
The HunterLab color **80.0094, -28.7172, 5.9981** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **63.1022, 26.2213, 4.9893**, and the grayscale version is **75.6211, -4.0350, 4.1086**.

A 20% lighter version of the original color is **95.6961, -20.6485, -0.0097**, and **57.1133, -24.3000, 4.3736** is the 20% darker color. If you saturate the color by 10%, you get **78.6519, -34.2475, 6.9497**, and if you desaturate by 10%, it is **81.6014, -22.4270, 5.3017**.

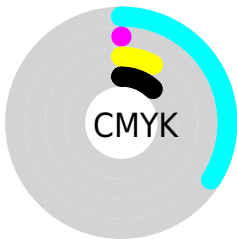
Distribution



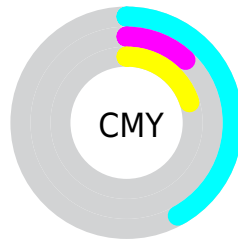
- Red (58%)
- Green (88%)
- Blue (80%)



- Red (58%)
- Yellow (75%)
- Blue (88%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)





- Cyan (42%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.0094, -28.7172, 5.9981 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 80.0094, -28.7172, 5.9981 by changing the saturation by 10% instead.


 80.0094, -28.7172,
5.9981


 80.0094, -28.7172,
5.9981


209.5837,
-45.9460, 13.6859

 68.3118, -26.6705,
5.2761


 105.1838,
-32.6895, 7.5296

 57.2458, -24.5653,
4.5824


 118.6049,
-34.6299, 8.3351

 46.8519, -22.3853,
3.9193


132.5527,
-36.5483, 9.1664

 37.1764, -20.1053,
3.2878

147.0080,
-38.4494, 10.0228

 28.2775, -17.6875,
2.6891

161.9537,
-40.3369, 10.9035

 20.2300, -15.0712,
2.1240

177.3742,

 13.1356, -12.1594,

-42.2139, 11.8080

1.5927

193.2552,
-44.0829, 12.7357

■ 6.6336, -11.6089,
1.5161

0.0000, NaN, NaN

■ 80.0094, -28.7172,
5.9981

■ 80.0094, -28.7172,
5.9981

■ 78.6519, -34.2475,
6.9497

■ 81.6014, -22.4270,
5.3017

■ 77.5211, -38.9788,
8.1399

■ 83.4228, -15.4252,
4.8645

■ 76.6118, -42.8963,
9.5497

■ 85.4722, -7.7749,
4.6890

■ 75.9127, -46.0091,
11.1526

■ 87.7444, 0.4556,
4.7714

■ 75.4075, -48.3559,
12.9156

■ 89.6979, 7.4149,
4.4418

■ 75.0728, -50.0119,
14.7988

■ 89.8790, 8.3815,
1.8616

■ 74.9271, -50.7802,
15.9676

■ 90.0655, 9.3745,
-0.7890

■ 90.2572, 10.3940,
-3.5099

■ 90.4398, 11.3625,
-6.0949

Harmonies

Analogous

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



80.0110, -24.8483, 16.9986



80.0094, -28.7172, 5.9981



80.0110, -26.4068, -7.4041

Triad

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



80.0110, -28.7182, 5.9992



80.0110, 7.5827, -21.3283



80.0110, 10.8051, 22.3785

Complementary

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



80.0094, -28.7172, 5.9981



63.1022, 26.2213, 4.9893

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.



80.0110, 20.5625, 14.5627



80.0094, -28.7172, 5.9981



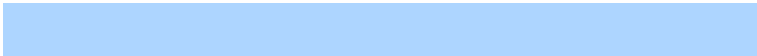
80.0110, 18.6165, -10.7616

Square

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



80.0110, -28.7182, 5.9992



80.0110, -6.0128, -24.6370



80.0110, 23.5115, 2.6756



80.0110, -2.5191, 25.4038

Rectangle

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



80.0094, -28.7172, 5.9981



80.0110, -21.5823, -15.7372



80.0110, 23.5115, 2.6756



80.0110, 14.6446, 20.2954

Sweetspot

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



80.0110, -28.7182, 5.9992



97.5072, -14.5335, 5.5200



79.8788, -32.0601, 27.8633



44.9590, -7.2956, 2.5708

0.0000, NaN, NaN



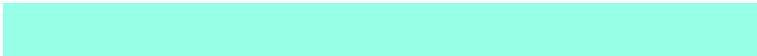
46.2646, -2.4686, 2.5136

Same Dimension

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



80.0110, -28.7182, 5.9992



91.4856, -38.0687, 7.7318



74.8006, -16.8220, -10.1030



39.3837, -5.6388, 2.2204



57.1803, -38.6382, 11.9384



15.1008, -9.8889, 2.4725

Inverse Universe

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



63.1022, 26.2213, 4.9893



68.0989, 38.3953, 6.6059



67.2033, 14.3386, 16.9425



37.0897, 1.7343, 2.0403



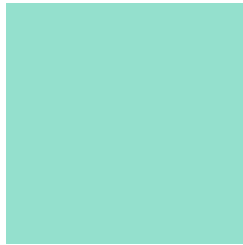
30.6693, 53.1149, 15.2230



8.1621, 14.3065, 2.7267

Previews

White Background



This preview shows how the HunterLab color 80.0094, -28.7172, 5.9981 looks on a white background.

Color Contrast Check

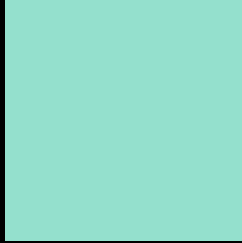
Large Text (above 18pt) WCAG AA × Fail

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 80.0094, -28.7172, 5.9981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

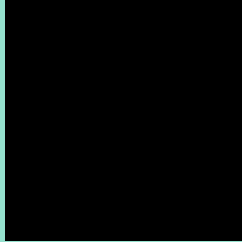
Any Text WCAG AA ✓ Pass

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 80.0094, -28.7172, 5.9981 Background



This preview shows how black text looks on a background with the HunterLab color 80.0094, -28.7172, 5.9981.



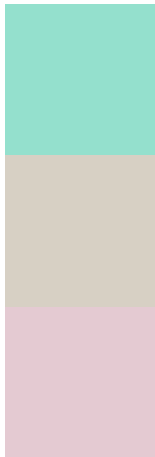
This preview shows how white text looks on a background with the HunterLab color 80.0094,

-28.7172, 5.9981.

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

80.0094, -28.7172, 5.9981

Protanopia

79.7147, -3.9284, 10.2076

Deuteranopia

79.6167, 5.8359, 3.7556



Tritanopia

79.8411, -18.6925, -10.6272

Trichromacy



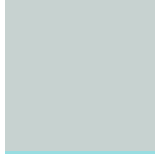
Original Color

80.0094, -28.7172, 5.9981



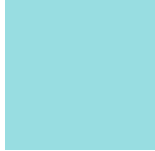
Protanomaly

79.5569, -13.9349, 8.5105



Deuteranomaly

79.2397, -8.0493, 4.0356



Tritanomaly

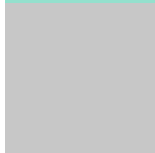
79.8903, -22.7389, -4.0360

Monochromacy



Original Color

80.0094, -28.7172, 5.9981



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

76.8323, -13.8319, 4.4598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.0094, -28.7172, 5.9981 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(148, 224, 205)` looks like.

```
.text, #text, p{  
    color:rgb(148, 224, 205)  
}
```

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(148, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 224, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 80.0094, -28.7172, 5.9981 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(148, 224, 205) }
```


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

```
.border{ border-color:rgb(148, 224, 205) }
```

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

Here you see how a box with a 4 pixel rgb(148, 224, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(148, 224,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.0094, -28.7172, 5.9981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 224, 205) }
```

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

```
.background{ background-color: rgb(148,  
224, 205) }
```

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