

Converting Colors

HunterLab(80.5855, -22.2535,
7.1831)

Have a look what the booklet for
HunterLab(80.5855, -22.2535,
7.1831) contains.

HunterLab(80.4552, -21.9891, 7.0927)	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(80.4552,
-21.9891, 7.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDDCC
RGB	171, 221, 204
RGB Percent	67%, 87%, 80%
CMY	0.3294, 0.1333, 0.2000
CMYK	0.23, 0.00, 0.08, 0.13
HSL	160°, 42%, 77%
HSV	160°, 23%, 87%
XYZ	53.5500, 64.7304, 66.7985
YIQ	204.1120, -24.3430, -15.8870

Conversions

Conversions Part 2

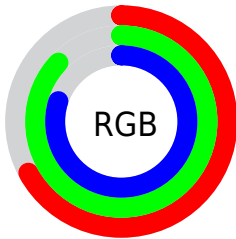
Format	Color
RYB	171, 201, 221
Decimal	11263436
CIELab	84.35, -19.56, 3.07
CIElCh	84, 19.798, 171.086
Yxy	64.7331, 0.2893, 0.3497
Android (android.graphics.Color)	4289453516 (0xFFABDDCC)
YUV	204.1120, -0.0552, -29.0392
Hunter-Lab	80.4552, -21.9891, 7.0927

Details

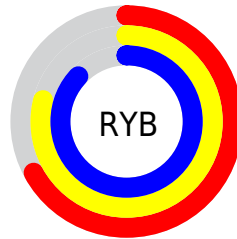
The HunterLab color $80.4552, -21.9891, 7.0927$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $69.3761, 16.1435, 2.3695$, and the grayscale version is $77.7633, -4.1493, 4.2250$.

A 20% lighter version of the original color is $97.5043, -14.1296, 2.3057$, and $57.7287, -18.7381, 5.6095$ is the 20% darker color. If you saturate the color by 10%, you get $78.8056, -28.6128, 8.5484$, and if you desaturate by 10%, it is $82.3379, -14.6705, 5.8573$.

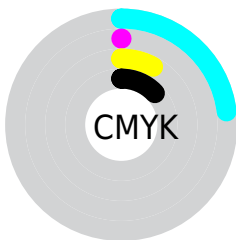
Distribution



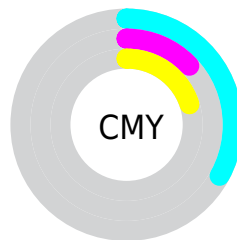
- Red (67%)
- Green (87%)
- Blue (80%)



- Red (67%)
- Yellow (79%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)





- Cyan (33%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.4552, -21.9891, 7.0927 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 80.4552, -21.9891, 7.0927 by changing the saturation by 10% instead.


 80.4552, -21.9891,
7.0927

 80.4552, -21.9891,
7.0927


210.1980,
-36.1280, 15.2116

 68.7348, -20.3745,
6.3119


 105.6721,
-25.1685, 8.7334

 57.6447, -18.7307,
5.5558


119.1131,
-26.7410, 9.5899

 47.2250, -17.0484,
4.8260


133.0801,
-28.3074, 10.4703

 37.5220, -15.3117,
4.1226

147.5539,
-29.8704, 11.3740

 28.5930, -13.4972,
3.4452

162.5175,
-31.4324, 12.3004

 20.5123, -11.5665,
2.7924

177.9553,

 13.3803, -9.4512,

-32.9950, 13.2491

2.1604

193.8531,
-34.5598, 14.2197

■ 6.9363, -12.1386,
2.2109

0.0000, NaN, NaN

■ 80.4552, -21.9891,
7.0927

■ 80.4552, -21.9891,
7.0927

■ 78.8056, -28.6128,
8.5484

■ 82.3379, -14.6705,
5.8573

■ 77.3853, -34.4798,
10.2069

■ 84.4447, -6.7200,
4.8472

■ 76.1941, -39.5481,
12.0493

■ 86.7716, 1.7895,
4.0668

■ 75.2262, -43.7937,
14.0497

■ 88.8365, 9.2145,
2.9189

■ 74.4717, -47.2171,
16.1771

■ 89.0846, 10.5326,
-0.6094

■ 73.9155, -49.8481,
18.3954

■ 89.3423, 11.8985,
-4.2651

■ 73.5359, -51.7528,
20.6640

■ 89.5518, 13.0057,
-7.2283

■ 73.3390, -52.8080,
22.3299

Harmonies

Analogous

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



80.4569, -18.3687, 14.7943



80.4552, -21.9891, 7.0927



80.4569, -21.0502, -2.3032

Triad

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



80.4569, -21.9904, 7.0938



80.4569, 2.5579, -14.0971



80.4569, 7.8189, 17.0548

Complementary

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



80.4552, -21.9891, 7.0927



69.3761, 16.1435, 2.3695

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.



80.4569, 13.9495, 10.5339



80.4552, -21.9891, 7.0927



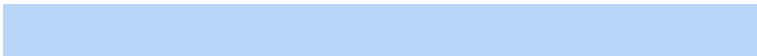
80.4569, 10.8130, -7.6456

Square

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



80.4569, -21.9904, 7.0938



80.4569, -7.1813, -15.3026



80.4569, 15.0706, 1.5672



80.4569, -1.3721, 20.0787

Rectangle

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



80.4552, -21.9891, 7.0927



80.4569, -17.9436, -8.2421



80.4569, 15.0706, 1.5672



80.4569, 10.3238, 15.2386

Sweetspot

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



80.4569, -21.9904, 7.0938



98.1761, -12.1316, 6.1934



80.8770, -22.1958, 21.2023



45.3508, -5.8765, 2.8986

0.0000, NaN, NaN



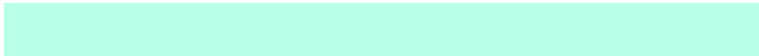
46.2646, -2.4686, 2.5136

Same Dimension

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



80.4569, -21.9904, 7.0938



93.6914, -29.5425, 9.0967



78.5629, -15.3208, -3.4857



38.4062, -5.6435, 2.5498



55.9157, -40.1273, 16.7336



14.2878, -9.8722, 3.4527

Inverse Universe

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



69.3761, 16.1435, 2.3695



78.1488, 24.0607, 2.5342



70.9607, 9.6208, 11.7018



36.2274, 1.8277, 1.6060



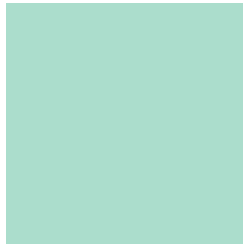
30.4061, 53.1085, 11.6075



7.8407, 13.8898, 1.4828

Previews

White Background



This preview shows how the HunterLab color 80.4552, -21.9891, 7.0927 looks on a white background.

Color Contrast Check

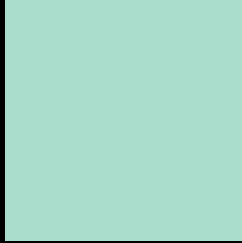
Large Text (above 18pt) WCAG AA × Fail

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 80.4552, -21.9891, 7.0927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

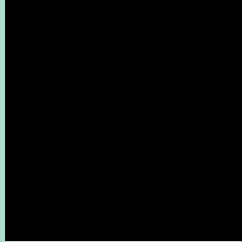
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

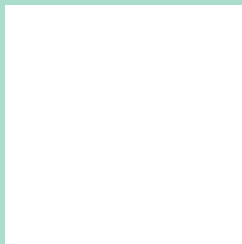
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.4552, -21.9891, 7.0927 Background



This preview shows how black text looks on a background with the HunterLab color 80.4552, -21.9891, 7.0927.



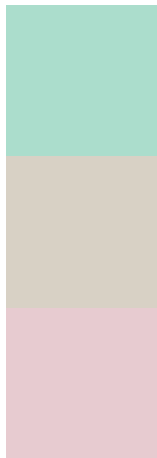
This preview shows how white text looks on a background with the HunterLab color 80.4552,

-21.9891, 7.0927.

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

80.4552, -21.9891, 7.0927

Protanopia

80.1443, -3.9516, 10.2372

Deuteranopia

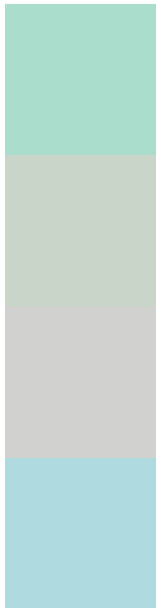
80.1591, 6.0149, 5.3605



Tritanopia

80.5688, -12.9494, -7.8639

Trichromacy



Original Color

80.4552, -21.9891, 7.0927

Protanomaly

80.0237, -10.5805, 8.6393

Deuteranomaly

80.0959, -5.1079, 5.5679

Tritanomaly

80.3645, -16.0993, -2.2664

Monochromacy



Original Color

80.4552, -21.9891, 7.0927

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

78.5234, -10.8350, 5.0619

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.4552, -21.9891, 7.0927 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, 221, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 221, 204)  
}
```

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, 221, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 221, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 80.4552, -21.9891, 7.0927 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, 221, 204) }
```


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

```
.border{ border-color:rgb(171, 221, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 221, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 221, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 221, 204);  
box-shadow:4px 4px 4px 4px rgb(171, 221,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.4552, -21.9891, 7.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 221, 204) }
```

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

```
.background{ background-color: rgb(171,  
221, 204) }
```

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