

Converting Colors

HunterLab(78.3484, -31.5509,
5.8421)

Have a look what the booklet for
HunterLab(78.3484, -31.5509,
5.8421) contains.

HunterLab(78.3876, -31.6627, 5.9520)	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(78.3876,
-31.6627, 5.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	85DEC9
RGB	133, 222, 201
RGB Percent	52%, 87%, 79%
CMY	0.4784, 0.1294, 0.2118
CMYK	0.40, 0.00, 0.09, 0.13
HSL	166°, 57%, 70%
HSV	166°, 40%, 87%
XYZ	46.3368, 61.4462, 64.6765
YIQ	192.9950, -46.3030, -25.3990

Conversions

Conversions Part 2

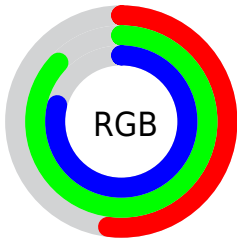
Format	Color
RYB	133, 183, 222
Decimal	8773321
CIELab	82.62, -31.56, 1.91
CIELCh	83, 31.617, 176.537
Yxy	61.4486, 0.2687, 0.3563
Android (android.graphics.Color)	4286963401 (0xFF85DEC9)
YUV	192.9950, 3.9465, -52.6156
Hunter-Lab	78.3876, -31.6627, 5.9520

Details

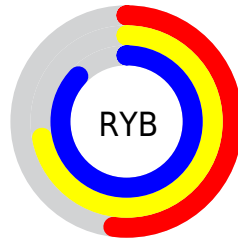
The HunterLab color **78.3876, -31.6627, 5.9520** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58.8553, 31.5005, 6.0178**, and the grayscale version is **73.0230, -3.8963, 3.9675**.

A 20% lighter version of the original color is **94.7033, -24.2830, -1.2996**, and **55.6388, -26.9057, 4.3982** is the 20% darker color. If you saturate the color by 10%, you get **77.1921, -36.6006, 6.9204**, and if you desaturate by 10%, it is **79.8131, -25.9508, 5.2348**.

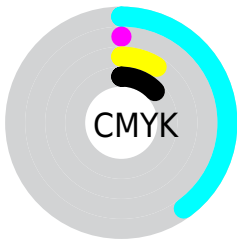
Distribution



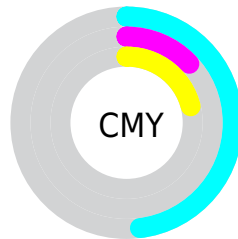
- Red (52%)
- Green (87%)
- Blue (79%)



- Red (52%)
- Yellow (72%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)





- Cyan (48%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.3876, -31.6627, 5.9520 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 78.3876, -31.6627, 5.9520 by changing the saturation by 10% instead.


 78.3876, -31.6627,
5.9520


 78.3876, -31.6627,
5.9520


207.3444,
-50.4705, 13.6307


 66.7737, -29.3900,
5.2310


 103.4061,
-36.0456, 7.4814

 55.7965, -27.0414,
4.5383


 116.7542,
-38.1750, 8.2858

 45.4970, -24.5960,
3.8760


 130.6317,
-40.2736, 9.1161

 35.9231, -22.0224,
3.2453

145.0194,
-42.3469, 9.9715

 27.1348, -19.2728,
2.6472

159.8995,
-44.3998, 10.8512

 19.2097, -16.2703,
2.0824

175.2565,

 12.2547, -13.3263,

-46.4360, 11.7547

1.5505

191.0758,
-48.4587, 12.6814

■ 5.3849, -9.4236,
1.7632

0.0000, NaN, NaN

■ 78.3876, -31.6627,
5.9520

■ 78.3876, -31.6627,
5.9520

■ 77.1921, -36.6006,
6.9204

■ 79.8131, -25.9508,
5.2348

■ 76.2165, -40.7388,
8.1207

■ 81.4657, -19.5035,
4.7753

■ 75.4532, -44.0780,
9.5313

■ 83.3455, -12.3762,
4.5783

■ 74.8878, -46.6452,
11.1229

■ 85.4489, -4.6325,
4.6419

■ 74.5003, -48.5000,
12.8593

■ 87.7699, 3.6596,
4.9599

■ 74.2512, -49.7861,
14.6663

■ 89.0818, 8.3959,
4.0110

■ 89.2516, 9.3006,
1.5916

■ 89.4262, 10.2285,
-0.8897

■ 89.6055, 11.1795,
-3.4328

Harmonies

Analogous

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



78.3892, -27.4392, 18.2913



78.3876, -31.6627, 5.9520



78.3892, -29.0086, -9.4222

Triad

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



78.3892, -31.6636, 5.9530



78.3892, 9.5170, -25.4230



78.3892, 12.8565, 24.3530

Complementary

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



78.3876, -31.6627, 5.9520



58.8553, 31.5005, 6.0178

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.



78.3892, 24.1682, 15.8605



78.3876, -31.6627, 5.9520



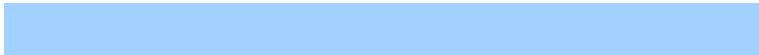
78.3892, 22.1378, -12.9493

Square

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



78.3892, -31.6636, 5.9530



78.3892, -5.9713, -29.4648



78.3892, 27.6883, 2.5426



78.3892, -2.3863, 27.5386

Rectangle

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



78.3876, -31.6627, 5.9520



78.3892, -23.5737, -19.1125



78.3892, 27.6883, 2.5426



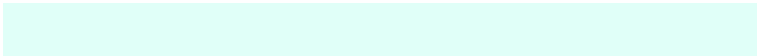
78.3892, 17.2889, 22.1156

Sweetspot

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



78.3892, -31.6636, 5.9530



97.0541, -16.2111, 5.3783



78.0589, -36.1641, 30.6108



44.7639, -8.0188, 2.4979

0.0000, NaN, NaN



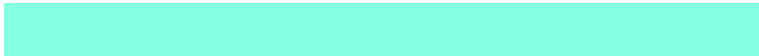
46.2646, -2.4686, 2.5136

Same Dimension

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



78.3892, -31.6636, 5.9530



90.5381, -41.8971, 7.8825



71.7325, -17.3955, -13.2257



39.3880, -5.6146, 2.1586



57.2401, -38.2734, 11.0760



15.1148, -9.8036, 2.2710

Inverse Universe

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



58.8553, 31.5005, 6.0178



63.6522, 45.7859, 8.4076



63.8364, 17.2554, 19.0268



37.0854, 1.7112, 2.1017



30.6399, 53.0062, 15.6560



8.1520, 14.2694, 2.8735

Previews

White Background



This preview shows how the HunterLab color 78.3876, -31.6627, 5.9520 looks on a white background.

Color Contrast Check

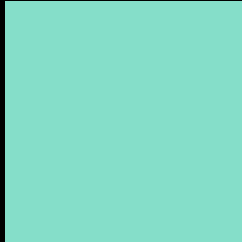
Large Text (above 18pt) WCAG AA × Fail

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 78.3876, -31.6627, 5.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

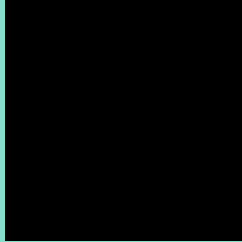
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

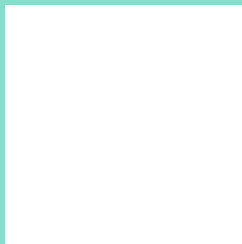
Any Text WCAG AAA ✓ Pass

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

HunterLab 78.3876, -31.6627, 5.9520 Background



This preview shows how black text looks on a background with the HunterLab color 78.3876, -31.6627, 5.9520.



This preview shows how white text looks on a background with the HunterLab color 78.3876, -31.6627, 5.9520.

-31.6627, 5.9520.

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

78.3876, -31.6627, 5.9520

Protanopia

77.9719, -3.9909, 10.4957

Deuteranopia

77.8026, 5.5536, 3.5404



Tritanopia

78.3420, -20.9794, -11.5765

Trichromacy



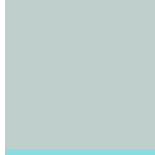
Original Color

78.3876, -31.6627, 5.9520



Protanomaly

77.8434, -15.4432, 8.3722



Deuteranomaly

77.4160, -9.9381, 3.7782



Tritanomaly

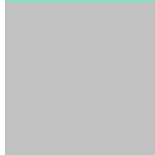
78.4090, -24.9871, -4.9115

Monochromacy



Original Color

78.3876, -31.6627, 5.9520



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

74.7189, -15.2492, 4.3339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.3876, -31.6627, 5.9520 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(133, 222, 201)` looks like.

```
.text, #text, p{  
    color:rgb(133, 222, 201)  
}
```

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(133, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 222, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 78.3876, -31.6627, 5.9520 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(133, 222, 201) }
```


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

```
.border{ border-color:rgb(133, 222, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 222, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 222, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 222, 201);  
box-shadow:4px 4px 4px 4px rgb(133, 222,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.3876, -31.6627, 5.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 222, 201) }
```

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

```
.background{ background-color: rgb(133,  
222, 201) }
```

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