

Converting Colors

HunterLab(80.9715, -20.7123,
1.4674)

Have a look what the booklet for
HunterLab(80.9715, -20.7123,
1.4674) contains.

HunterLab(81.0477, -20.6839, 1.5564)	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(81.0477,
-20.6839, 1.5564)**

Conversions

Conversions Part 1

Format	Color
Hex	A9DED9
RGB	169, 222, 217
RGB Percent	66%, 87%, 85%
CMY	0.3372, 0.1294, 0.1490
CMYK	0.24, 0.00, 0.02, 0.13
HSL	174°, 45%, 77%
HSV	174°, 24%, 87%
XYZ	55.0078, 65.6873, 75.4253
YIQ	205.5830, -29.9830, -12.7910

Conversions

Conversions Part 2

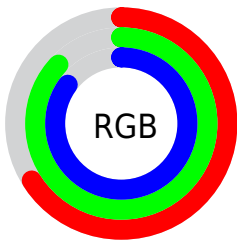
Format	Color
R _{YB}	169, 197, 222
Decimal	11132633
CIE _{Lab}	84.84, -17.97, -3.11
CIE _{LCh}	85, 18.232, 189.807
Yxy	65.6900, 0.2805, 0.3349
Android (android.graphics.Color)	4289322713 (0xFFA9DED9)
YUV	205.5830, 5.6286, -32.0833
Hunter-Lab	81.0477, -20.6839, 1.5564

Details

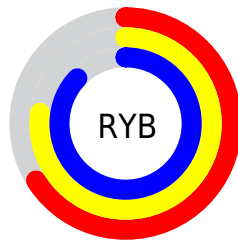
The HunterLab color **81.0477, -20.6839, 1.5564** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68.5298, 15.3990, 7.8498**, and the grayscale version is **78.3712, -4.1817, 4.2581**.

A 20% lighter version of the original color is **97.3384, -14.7226, 2.0949**, and **58.2159, -17.8324, 0.7471** is the 20% darker color. If you saturate the color by 10%, you get **79.5808, -26.2792, 0.7265**, and if you desaturate by 10%, it is **82.7449, -14.3809, 2.6663**.

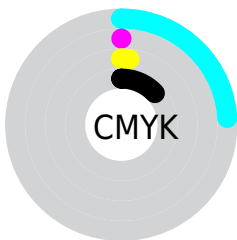
Distribution



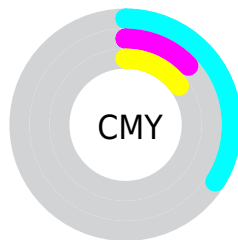
- Red (66%)
- Green (87%)
- Blue (85%)



- Red (66%)
- Yellow (77%)
- Blue (87%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (34%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.0477, -20.6839, 1.5564 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 81.0477, -20.6839, 1.5564 by changing the saturation by 10% instead.

■ 81.0477, -20.6839,
1.5564

■ 81.0477, -20.6839,
1.5564

211.0136,
-34.2191, 7.5924

■ 69.2970, -19.1537,
1.0578

■ 106.3209,
-23.7080, 2.6721

■ 58.1750, -17.6005,
0.5999

■ 119.7882,
-25.2086, 3.2825

■ 47.7214, -16.0159,
0.1874

133.7805,
-26.7062, 3.9260

■ 37.9818, -14.3864,
-0.1755

148.2789,
-28.2033, 4.6010

■ 29.0132, -12.6912,
-0.4829

163.2661,
-29.7017, 5.3062

■ 20.8886, -10.8970,
-0.7271

178.7269,

■ 13.7070, -8.9445,

-31.2029, 6.0406

-0.8967

194.6470,
-32.7084, 6.8030

■ 7.3185, -11.0879,
-1.3606

0.0000, NaN, NaN

■ 81.0477, -20.6839,
1.5564

■ 81.0477, -20.6839,
1.5564

■ 79.5808, -26.2792,
0.7265

■ 82.7449, -14.3809,
2.6663

■ 78.3386, -31.1208,
0.1786

■ 84.6653, -7.4205,
4.0420

■ 77.3188, -35.1837,
-0.0869

■ 86.8062, 0.1347,
5.6701

■ 76.5139, -38.4617,
-0.0775

■ 88.8606, 7.2148,
7.1694

■ 75.9119, -40.9721,
0.1913

■ 88.9255, 7.5613,
6.2426

■ 75.4961, -42.7604,
0.6959

■ 88.9911, 7.9116,
5.3058

■ 75.2430, -43.9055,
1.4025

■ 89.0575, 8.2656,
4.3591

■ 75.1427, -44.3887,
1.9007

■ 89.1246, 8.6233,
3.4024

■ 89.1924, 8.9848,
2.4358

Harmonies

Analogous

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



81.0494, -19.9385, 9.8906



81.0477, -20.6839, 1.5564



81.0494, -17.1983, -6.8499

Triad

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



81.0494, -20.6851, 1.5576



81.0494, 7.0494, -9.2797



81.0494, 1.7311, 18.3902

Complementary

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



81.0477, -20.6839, 1.5564



68.5298, 15.3990, 7.8498

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.



81.0494, 9.3972, 14.2584



81.0477, -20.6839, 1.5564



81.0494, 12.5593, -1.4785

Square

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



81.0494, -20.6851, 1.5576



81.0494, -1.3604, -13.5425



81.0494, 13.4368, 7.1657



81.0494, -7.2553, 19.0137

Rectangle

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



81.0477, -20.6839, 1.5564



81.0494, -12.8491, -11.1446



81.0494, 13.4368, 7.1657



81.0494, 4.5585, 17.3888

Sweetspot

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



81.0494, -20.6851, 1.5576



98.3170, -11.3507, 4.1844



80.0893, -26.9193, 21.0906



45.4216, -5.4837, 1.8893

0.0000, NaN, NaN



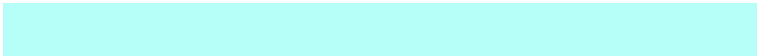
46.2646, -2.4686, 2.5136

Same Dimension

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



81.0494, -20.6851, 1.5576



93.8767, -27.8107, 1.2612



74.4253, -9.3923, -9.3598



39.4321, -5.3694, 1.5301



57.9191, -34.1630, 1.3544



15.2703, -8.8645, 0.0494

Inverse Universe

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



68.5298, 15.3990, 7.8498



76.1316, 23.5181, 10.2583



74.3706, 3.6464, 15.9651



37.0425, 1.4800, 2.7150



30.4361, 52.2516, 18.6673



8.0585, 13.9248, 4.2432

Previews

White Background



This preview shows how the HunterLab color 81.0477, -20.6839, 1.5564 looks on a white background.

Color Contrast Check

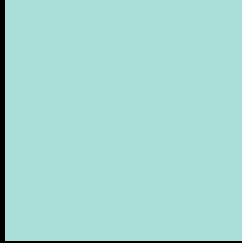
Large Text (above 18pt) WCAG AA × Fail

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 81.0477, -20.6839, 1.5564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

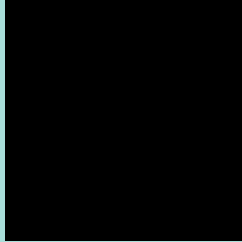
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

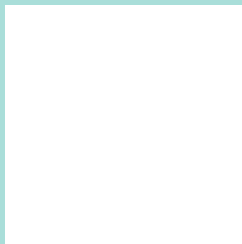
Any Text WCAG AAA ✓ Pass

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

HunterLab 81.0477, -20.6839, 1.5564 Background



This preview shows how black text looks on a background with the HunterLab color 81.0477, -20.6839, 1.5564.



This preview shows how white text looks on a background with the HunterLab color 81.0477, -20.6839, 1.5564.

-20.6839, 1.5564.

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

81.0477, -20.6839, 1.5564

Protanopia

80.7424, -2.6779, 4.9333

Deuteranopia

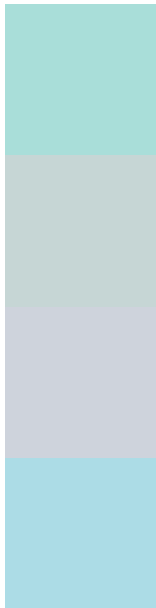
80.7552, 5.8039, -0.3612



Tritanopia

81.0319, -14.3692, -8.9434

Trichromacy



Original Color

81.0477, -20.6839, 1.5564

Protanomaly

80.5624, -9.4939, 3.1472

Deuteranomaly

80.5467, -4.2979, -0.2839

Tritanomaly

81.0372, -16.5052, -5.1269

Monochromacy



Original Color

81.0477, -20.6839, 1.5564

Achromatopsia

78.5625, -4.1919, 4.2684

Achromatomaly

79.4214, -10.5005, 3.2376

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.0477, -20.6839, 1.5564 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(169, 222, 217)` looks like.

```
.text, #text, p{  
    color:rgb(169, 222, 217)  
}
```

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(169, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 222, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 81.0477, -20.6839, 1.5564 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(169, 222, 217) }
```


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

```
.border{ border-color:rgb(169, 222, 217) }
```

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

Here you see how a box with a 4 pixel rgb(169, 222, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 222, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 222, 217);  
box-shadow:4px 4px 4px 4px rgb(169, 222,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.0477, -20.6839, 1.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 222, 217) }
```

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

```
.background{ background-color: rgb(169,  
222, 217) }
```

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