

Converting Colors

HunterLab(79.8450, -34.1628,
1.8853)

Have a look what the booklet for
HunterLab(79.8450, -34.1628,
1.8853) contains.

HunterLab(79.8344, -34.1208, 1.8451)	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(79.8344,
-34.1208, 1.8451)**

Conversions

Conversions Part 1

Format	Color
Hex	78E3D5
RGB	120, 227, 213
RGB Percent	47%, 89%, 84%
CMY	0.5294, 0.1098, 0.1647
CMYK	0.47, 0.00, 0.06, 0.11
HSL	172°, 66%, 68%
HSV	172°, 47%, 89%
XYZ	47.2250, 63.7353, 72.7639
YIQ	193.4110, -59.2780, -27.0380

Conversions

Conversions Part 2

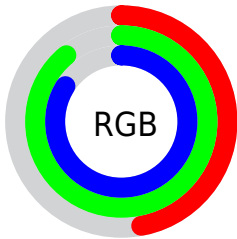
Format	Color
RYB	120, 177, 227
Decimal	7922645
CIELab	83.83, -34.27, -2.74
CIELCh	84, 34.384, 184.568
Yxy	63.7378, 0.2570, 0.3469
Android (android.graphics.Color)	4286112725 (0xFF78E3D5)
YUV	193.4110, 9.6574, -64.3814
Hunter-Lab	79.8344, -34.1208, 1.8451

Details

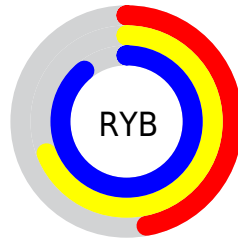
The HunterLab color **79.8344, -34.1208, 1.8451** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56.1131, 37.6346, 11.4019**, and the grayscale version is **73.1797, -3.9047, 3.9760**.

A 20% lighter version of the original color is **93.9175, -27.1888, -2.3302**, and **57.0300, -29.2599, 0.9998** is the 20% darker color. If you saturate the color by 10%, you get **78.8372, -38.1858, 2.0405**, and if you desaturate by 10%, it is **81.0617, -29.2512, 1.9344**.

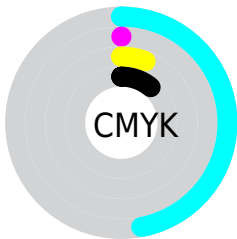
Distribution



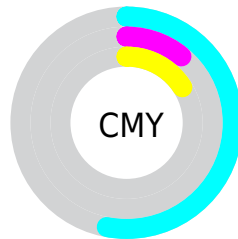
- Red (47%)
- Green (89%)
- Blue (84%)



- Red (47%)
- Yellow (69%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)





- Cyan (53%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.8344, -34.1208, 1.8451 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 79.8344, -34.1208, 1.8451 by changing the saturation by 10% instead.


 79.8344, -34.1208,
1.8451


 79.8344, -34.1208,
1.8451


209.3424,
-53.9707, 7.9741


 68.1457, -31.7052,
1.3341


 104.9920,
-38.7680, 2.9837

 57.0893, -29.2056,
0.8635


 118.4053,
-41.0210, 3.6051

 46.7054, -26.5993,
0.4376


 132.3455,
-43.2382, 4.2591

 37.0409, -23.8528,
0.0607

146.7936,
-45.4259, 4.9444

 28.1538, -20.9160,
-0.2616

161.7323,
-47.5891, 5.6596

 20.1193, -17.7090,
-0.5216

177.1459,

 13.0399, -14.3542,

-49.7321, 6.4036

-0.7079

193.0203,
-51.8583, 7.1754

■ 6.5108, -11.3939,
-1.3892

0.0000, NaN, NaN

■ 79.8344, -34.1208,
1.8451

■ 79.8344, -34.1208,
1.8451

■ 78.8372, -38.1858,
2.0405

■ 81.0617, -29.2512,
1.9344

■ 78.0565, -41.4432,
2.5041


■ 82.5194, -23.5980,
2.3112


■ 77.4801, -43.9187,
3.2159


■ 84.2106, -17.2023,
2.9756

■ 77.0890, -45.6680,
4.1461


■ 86.1338, -10.1182,
3.9213


 76.8546, -46.7915,
5.2531


 88.2851, -2.4081,
5.1369

 76.8018, -47.0557,
5.5841

 90.5317, 5.4348,
6.4531

 90.6251, 5.9354,
5.1203

 90.7199, 6.4435,
3.7678

 90.8163, 6.9589,
2.3956

Harmonies

Analogous

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



79.8360, -31.5227, 16.5047



79.8344, -34.1208, 1.8451



79.8360, -29.2810, -15.2414

Triad

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



79.8360, -34.1215, 1.8462



79.8360, 15.0070, -25.5025



79.8360, 10.1637, 27.5107

Complementary

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



79.8344, -34.1208, 1.8451



56.1131, 37.6346, 11.4019

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.



79.8360, 24.2714, 19.9598



79.8344, -34.1208, 1.8451



79.8360, 27.2267, -10.0892

Square

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



79.8360, -34.1215, 1.8462



79.8360, -1.6614, -32.9826



79.8360, 30.7496, 6.7669



79.8360, -6.8339, 29.4112

Rectangle

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



79.8344, -34.1208, 1.8451



79.8360, -22.2296, -25.1411



79.8360, 30.7496, 6.7669



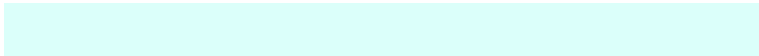
79.8360, 15.4454, 25.6391

Sweetspot

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



79.8360, -34.1215, 1.8462



96.7209, -17.2454, 3.6902



78.3499, -44.3075, 34.0556



44.5351, -8.7675, 1.6085

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.8360, -34.1215, 1.8462



89.9264, -43.6644, 2.3369



67.3855, -13.1694, -22.6526



40.3760, -5.5729, 1.7330



58.6613, -35.8708, 4.1133



15.9749, -9.5795, 0.7123

Inverse Universe

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



56.1131, 37.6346, 11.4019



58.2346, 53.5521, 15.7927



65.2424, 15.8087, 24.3295



37.9454, 1.5861, 2.6212



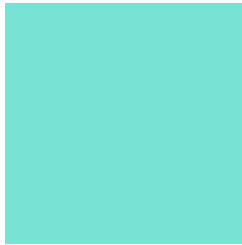
30.9638, 53.2308, 18.4231



8.4760, 14.6880, 4.1394

Previews

White Background



This preview shows how the HunterLab color 79.8344, -34.1208, 1.8451 looks on a white background.

Color Contrast Check

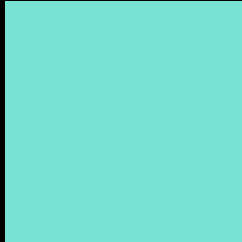
Large Text (above 18pt) WCAG AA × Fail

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 79.8344, -34.1208, 1.8451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

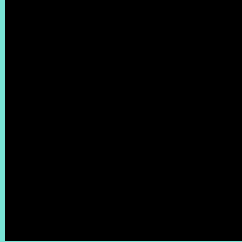
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

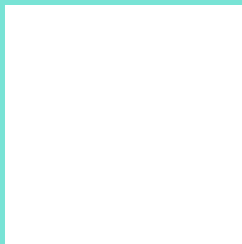
Any Text WCAG AAA ✓ Pass

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

HunterLab 79.8344, -34.1208, 1.8451 Background



This preview shows how black text looks on a background with the HunterLab color 79.8344, -34.1208, 1.8451.



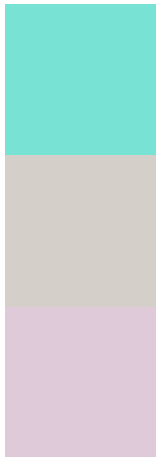
This preview shows how white text looks on a background with the HunterLab color 79.8344, -34.1208, 1.8451.

-34.1208, 1.8451.

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

79.8344, -34.1208, 1.8451

Protanopia

79.3655, -3.2786, 7.5665

Deuteranopia

79.3669, 5.5124, -0.5487



Tritanopia

79.8219, -25.2675, -13.0698

Trichromacy



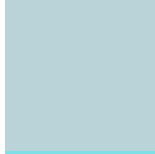
Original Color

79.8344, -34.1208, 1.8451



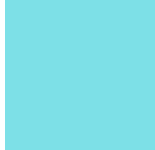
Protanomaly

78.7938, -16.3355, 4.8055



Deuteranomaly

78.7309, -10.9540, -0.6020



Tritanomaly

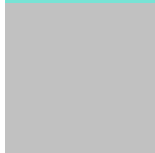
79.6497, -28.3718, -7.6933

Monochromacy



Original Color

79.8344, -34.1208, 1.8451



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

74.7929, -16.3729, 2.4832

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.8344, -34.1208, 1.8451 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(120, 227, 213)` looks like.

```
.text, #text, p{  
    color:rgb(120, 227, 213)  
}
```

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(120, 227, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 227, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 79.8344, -34.1208, 1.8451 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(120, 227, 213) }
```


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

```
.border{ border-color:rgb(120, 227, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 227, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 227, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 227, 213);  
box-shadow:4px 4px 4px 4px rgb(120, 227,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.8344, -34.1208, 1.8451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 227, 213) }
```

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

```
.background{ background-color: rgb(120,  
227, 213) }
```

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