

Converting Colors

HunterLab(80.5728, -33.9797,
2.4891)

Have a look what the booklet for
HunterLab(80.5728, -33.9797,
2.4891) contains.

HunterLab(80.7018, -34.3037, 2.8788)	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(80.7018,
-34.3037, 2.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	7CE5D5
RGB	124, 229, 213
RGB Percent	49%, 90%, 84%
CMY	0.5137, 0.1019, 0.1647
CMYK	0.46, 0.00, 0.07, 0.10
HSL	171°, 67%, 69%
HSV	171°, 46%, 90%
XYZ	48.3417, 65.1278, 72.9739
YIQ	195.7810, -57.4440, -27.2360

Conversions

Conversions Part 2

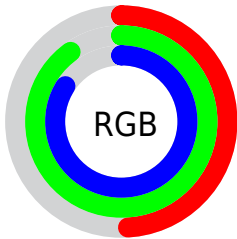
Format	Color
RYB	124, 181, 229
Decimal	8185301
CIELab	84.55, -34.29, -1.66
CIELCh	85, 34.329, 182.775
Yxy	65.1304, 0.2593, 0.3493
Android (android.graphics.Color)	4286375381 (0xFF7CE5D5)
YUV	195.7810, 8.4890, -62.9519
Hunter-Lab	80.7018, -34.3037, 2.8788

Details

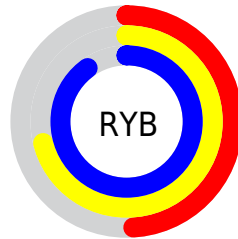
The HunterLab color **80.7018, -34.3037, 2.8788** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57.4182, 37.1015, 10.4082**, and the grayscale version is **74.1887, -3.9585, 4.0308**.

A 20% lighter version of the original color is **94.1728, -26.2421, -1.9945**, and **57.8323, -29.5085, 1.9563** is the 20% darker color. If you saturate the color by 10%, you get **79.6507, -38.6073, 3.2550**, and if you desaturate by 10%, it is **81.9868, -29.1876, 2.7865**.

Distribution



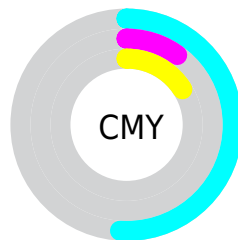
- Red (49%)
- Green (90%)
- Blue (84%)



- Red (49%)
- Yellow (71%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)





- Cyan (51%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.7018, -34.3037, 2.8788 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 80.7018, -34.3037, 2.8788 by changing the saturation by 10% instead.


 80.7018, -34.3037,
2.8788


 80.7018, -34.3037,
2.8788


210.5375,
-54.1395, 9.3866


 68.9687, -31.8927,
2.3168


 105.9421,
-38.9447, 4.1126

 57.8653, -29.3990,
1.7923


 119.3941,
-41.1955, 4.7787

 47.4315, -26.8004,
1.3093


 133.3716,
-43.4110, 5.4758

 37.7132, -24.0644,
0.8713

147.8557,
-45.5974, 6.2027

 28.7678, -21.1425,
0.4829

162.8291,
-47.7596, 6.9582

 20.6687, -17.9575,
0.1505

178.2764,

 13.5160, -14.4872,

-49.9019, 7.7412

-0.1167

194.1835,
-52.0275, 8.5510

■ 7.0980, -12.4214,
-0.5844

0.0000, NaN, NaN

■ 80.7018, -34.3037,
2.8788

■ 80.7018, -34.3037,
2.8788

■ 79.6507, -38.6073,
3.2550

■ 81.9868, -29.1876,
2.7865

■ 78.8203, -42.0909,
3.8976


■ 83.5054, -23.2838,
2.9817


■ 78.1992, -44.7756,
4.7859


■ 85.2600, -16.6374,
3.4658


■ 77.7688, -46.7125,
5.8897

■ 87.2489, -9.3053,
4.2331


 77.5031, -47.9911,
7.1695

 89.4674, -1.3525,
5.2733

 77.4213, -48.4067,
7.7264

 91.2349, 4.8863,
5.7459

 91.3458, 5.4818,
4.1635

 91.4588, 6.0875,
2.5540

 91.5738, 6.7034,
0.9175

Harmonies

Analogous

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



80.7034, -31.2517, 17.3080



80.7018, -34.3037, 2.8788



80.7034, -29.8848, -14.2220

Triad

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



80.7034, -34.3044, 2.8799



80.7034, 14.0685, -26.2029



80.7034, 11.1197, 27.3527

Complementary

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



80.7018, -34.3037, 2.8788



57.4182, 37.1015, 10.4082

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.



80.7034, 24.9075, 19.4157



80.7018, -34.3037, 2.8788



80.7034, 26.7062, -11.0875

Square

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



80.7034, -34.3044, 2.8799



80.7034, -2.7290, -33.0382



80.7034, 30.8255, 5.8772



80.7034, -5.8798, 29.5954

Rectangle

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



80.7018, -34.3037, 2.8788



80.7034, -23.0644, -24.3417



80.7034, 30.8255, 5.8772



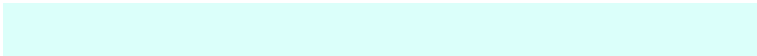
80.7034, 16.3297, 25.3558

Sweetspot

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



80.7034, -34.3044, 2.8799



96.6960, -17.3851, 4.0456



79.5004, -43.1873, 34.0096



44.5218, -8.8424, 1.7983

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.7034, -34.3044, 2.8799



90.0372, -43.3823, 3.6471



69.6621, -14.9328, -20.4301



40.3691, -5.6113, 1.8314



58.5527, -36.5270, 5.6656



15.9491, -9.7348, 1.0796

Inverse Universe

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



57.4182, 37.1015, 10.4082



59.3680, 51.8365, 14.1816



65.5069, 17.1160, 23.4045



37.9521, 1.6221, 2.5257



30.9908, 53.3311, 18.0226



8.4902, 14.7404, 3.9311

Previews

White Background



This preview shows how the HunterLab color 80.7018, -34.3037, 2.8788 looks on a white background.

Color Contrast Check

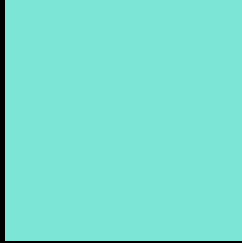
Large Text (above 18pt) WCAG AA × Fail

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 80.7018, -34.3037, 2.8788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

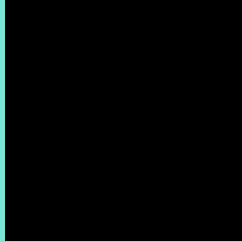
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

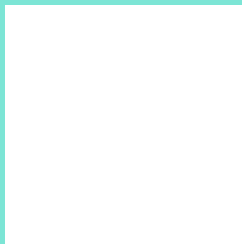
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.7018, -34.3037, 2.8788 Background



This preview shows how black text looks on a background with the HunterLab color 80.7018, -34.3037, 2.8788.



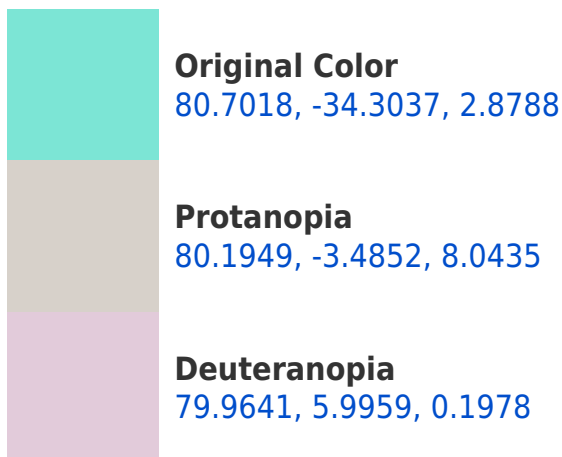
This preview shows how white text looks on a background with the HunterLab color 80.7018,

-34.3037, 2.8788.

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





Tritanopia

80.8134, -24.8528, -12.8487

Trichromacy



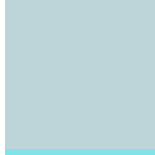
Original Color

80.7018, -34.3037, 2.8788



Protanomaly

79.6951, -16.3053, 5.3805



Deuteranomaly

79.2866, -10.5961, 0.0896



Tritanomaly

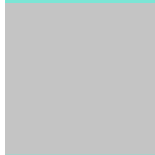
80.6007, -28.1770, -6.9862

Monochromacy



Original Color

80.7018, -34.3037, 2.8788



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

76.1065, -16.3995, 3.0789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.7018, -34.3037, 2.8788 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(124, 229, 213)` looks like.

```
.text, #text, p{  
    color:rgb(124, 229, 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(124, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 229, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 80.7018, -34.3037, 2.8788 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(124, 229, 213) }
```


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

```
.border{ border-color:rgb(124, 229, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(124, 229,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.7018, -34.3037, 2.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 229, 213) }
```

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

```
.background{ background-color: rgb(124,  
229, 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