

Converting Colors

HunterLab(77.3222, -34.0051,
4.6206)

Have a look what the booklet for
HunterLab(77.3222, -34.0051,
4.6206) contains.

HunterLab(77.3185, -34.0270, 4.6739)	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(77.3185,
-34.0270, 4.6739)**

Conversions

Conversions Part 1

Format	Color
Hex	76DDC9
RGB	118, 221, 201
RGB Percent	46%, 87%, 79%
CMY	0.5372, 0.1333, 0.2118
CMYK	0.47, 0.00, 0.09, 0.13
HSL	168°, 60%, 66%
HSV	168°, 47%, 87%
XYZ	43.8703, 59.7815, 64.4852
YIQ	187.9230, -54.9680, -28.0560

Conversions

Conversions Part 2

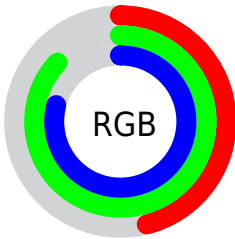
Format	Color
RYB	118, 175, 221
Decimal	7790025
CIELab	81.72, -34.80, 0.53
CIELCh	82, 34.799, 179.134
Yxy	59.7839, 0.2609, 0.3556
Android (android.graphics.Color)	4285980105 (0xFF76DDC9)
YUV	187.9230, 6.4470, -61.3225
Hunter-Lab	77.3185, -34.0270, 4.6739

Details

The HunterLab color $77.3185, -34.0270, 4.6739$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $54.9232, 36.7657, 8.5283$, and the grayscale version is $70.8739, -3.7817, 3.8507$.

A 20% lighter version of the original color is $93.7924, -27.6540, -2.4951$, and $54.6959, -28.9253, 3.2746$ is the 20% darker color. If you saturate the color by 10%, you get $76.2984, -38.2671, 5.4320$, and if you desaturate by 10%, it is $78.5630, -29.0052, 4.1734$.

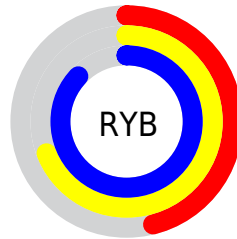
Distribution



Red (46%)

Green (87%)

Blue (79%)



Red (46%)

Yellow (69%)

Blue (87%)

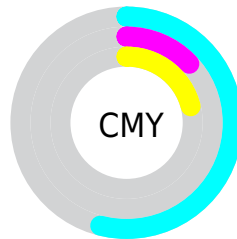


Cyan (47%)

Magenta (0%)

Yellow (9%)

Black (13%)



Cyan (54%)


Magenta (13%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.3185, -34.0270, 4.6739 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 77.3185, -34.0270, 4.6739 by changing the saturation by 10% instead.


 77.3185, -34.0270,
4.6739


 77.3185, -34.0270,
4.6739


205.8642,
-54.1438, 11.8528

 65.7605, -31.5661,
4.0210


 102.2331,
-38.7511, 6.0767

 54.8425, -29.0147,
3.4006


 115.5325,
-41.0374, 6.8221

 44.6061, -26.3478,
2.8155


 129.3633,
-43.2853, 7.5955

 35.1001, -23.5286,
2.2681

143.7059,
-45.5015, 8.3960

 26.3859, -20.5010,
1.7609

158.5424,
-47.6913, 9.2228

 18.5430, -17.1742,
1.2975

173.8571,

 11.6820, -14.5781,

-49.8593, 10.0750

0.8822

189.6355,
-52.0091, 10.9519

■ 4.3644, -7.6377,
0.7373

0.0000, NaN, NaN

■ 77.3185, -34.0270,
4.6739

■ 77.3185, -34.0270,
4.6739

■ 76.2984, -38.2671,
5.4320

■ 78.5630, -29.0052,
4.1734

■ 75.4899, -41.7171,
6.4278

■ 80.0314, -23.2267,
3.9380

■ 74.8822, -44.3968,
7.6379

■ 81.7262, -16.7357,
3.9727

■ 74.4572, -46.3551,
9.0310

■ 83.6455, -9.5882,
4.2758

■ 74.1890, -47.6818,
10.5665

■ 85.7848, -1.8473,
4.8405

■ 74.1166, -48.0557,
11.0991

■ 88.1382, 6.4201,
5.6565

■ 88.7395, 8.6990,
4.2994

■ 88.8777, 9.4350,
2.3294

■ 89.0192, 10.1865,
0.3177

Harmonies

Analogous

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



77.3200, -30.1057, 18.4544



77.3185, -34.0270, 4.6739



77.3200, -30.5295, -12.4139

Triad

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



77.3200, -34.0277, 4.6749



77.3200, 12.3446, -27.9745



77.3200, 13.2678, 26.3286

Complementary

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



77.3185, -34.0270, 4.6739



54.9232, 36.7657, 8.5283

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.



77.3200, 26.3690, 17.8031



77.3185, -34.0270, 4.6739



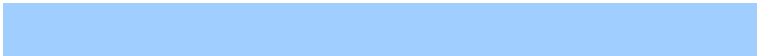
77.3200, 25.8045, -13.3998

Square

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



77.3200, -34.0277, 4.6749



77.3200, -4.6207, -33.5431



77.3200, 31.1394, 3.7397



77.3200, -3.6376, 29.1872

Rectangle

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



77.3185, -34.0270, 4.6739



77.3200, -24.2738, -23.0246



77.3200, 31.1394, 3.7397



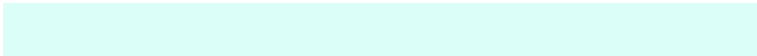
77.3200, 18.3143, 24.1353

Sweetspot

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



77.3200, -34.0277, 4.6749



96.6479, -17.6548, 4.7315



76.4709, -41.1342, 33.1112



44.4961, -8.9869, 2.1645

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.3200, -34.0277, 4.6749



89.7434, -44.9311, 6.3719



67.7823, -16.0223, -18.3519



38.4499, -5.4003, 1.9268



56.5033, -36.5392, 8.2535



14.4211, -9.0616, 1.5362

Inverse Universe

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



54.9232, 36.7657, 8.5283



58.9779, 53.5183, 12.3634



61.7619, 18.5693, 21.9278



36.1838, 1.5931, 2.2281



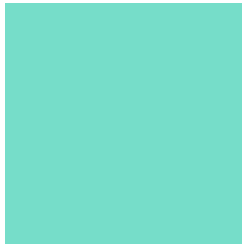
30.0725, 51.8778, 16.5035



7.7334, 13.4963, 3.0392

Previews

White Background



This preview shows how the HunterLab color 77.3185, -34.0270, 4.6739 looks on a white background.

Color Contrast Check

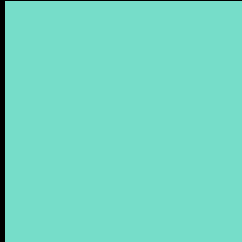
Large Text (above 18pt) WCAG AA × Fail

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 77.3185, -34.0270, 4.6739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

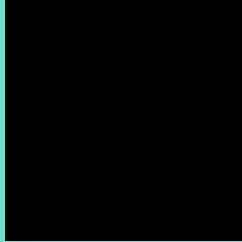
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

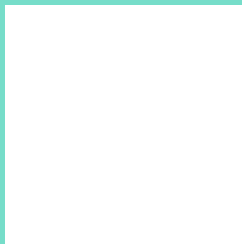
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.3185, -34.0270, 4.6739 Background



This preview shows how black text looks on a background with the HunterLab color 77.3185, -34.0270, 4.6739.



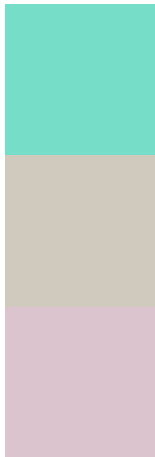
This preview shows how white text looks on a background with the HunterLab color 77.3185,

-34.0270, 4.6739.

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

77.3185, -34.0270, 4.6739

Protanopia

76.7469, -3.6112, 9.5935

Deuteranopia

76.8090, 5.2395, 2.3470



Tritanopia

77.2279, -23.4896, -12.5852

Trichromacy



Original Color

77.3185, -34.0270, 4.6739



Protanomaly

76.2370, -16.4095, 6.9963



Deuteranomaly

76.1363, -11.2745, 2.2309



Tritanomaly

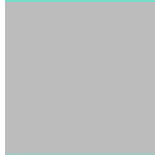
77.2670, -27.6361, -5.9010

Monochromacy



Original Color

77.3185, -34.0270, 4.6739



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

72.7635, -16.0020, 3.4465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3185, -34.0270, 4.6739 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(118, 221, 201)` looks like.

```
.text, #text, p{  
    color:rgb(118, 221, 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(118, 221, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 221, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3185, -34.0270, 4.6739 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(118, 221, 201) }
```


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

```
.border{ border-color:rgb(118, 221, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 221, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 221, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 221, 201);  
box-shadow:4px 4px 4px 4px rgb(118, 221,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.3185, -34.0270, 4.6739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 221, 201) }
```

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

```
.background{ background-color: rgb(118,  
221, 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