

Converting Colors

HunterLab(77.2040, -33.0701,
2.1048)

Have a look what the booklet for
HunterLab(77.2040, -33.0701,
2.1048) contains.

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Color

**HunterLab(77.0873,
-32.8565, 2.0143)**

Conversions

Conversions Part 1

Format	Color
Hex	75DCCE
RGB	117, 220, 206
RGB Percent	46%, 86%, 81%
CMY	0.5412, 0.1372, 0.1922
CMYK	0.47, 0.00, 0.06, 0.14
HSL	172°, 60%, 66%
HSV	172°, 47%, 86%
XYZ	44.0699, 59.4245, 67.5399
YIQ	187.6070, -56.8940, -26.1900

Conversions

Conversions Part 2

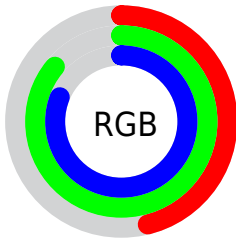
Format	Color
RYB	117, 172, 220
Decimal	7724238
CIELab	81.53, -33.37, -2.42
CIELCh	82, 33.458, 184.150
Yxy	59.4269, 0.2577, 0.3474
Android (android.graphics.Color)	4285914318 (0xFF75DCCE)
YUV	187.6070, 9.0677, -61.9223
Hunter-Lab	77.0873, -32.8565, 2.0143

Details

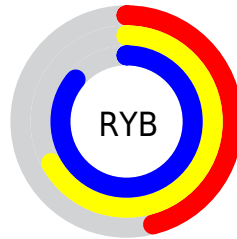
The HunterLab color **77.0873, -32.8565, 2.0143** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54.3862, 36.0262, 10.7320**, and the grayscale version is **70.7307, -3.7740, 3.8429**.

A 20% lighter version of the original color is **93.7304, -27.8844, -2.5768**, and **54.4865, -27.7656, 0.7636** is the 20% darker color. If you saturate the color by 10%, you get **76.1142, -36.8264, 2.2401**, and if you desaturate by 10%, it is **78.2820, -28.1132, 2.0616**.

Distribution



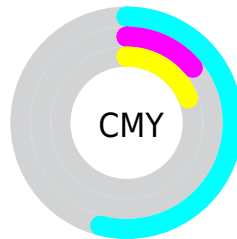
- Red (46%)
- Green (86%)
- Blue (81%)



- Red (46%)
- Yellow (67%)
- Blue (86%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)





- Cyan (54%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.0873, -32.8565, 2.0143 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 77.0873, -32.8565, 2.0143 by changing the saturation by 10% instead.


 77.0873, -32.8565,
2.0143


 77.0873, -32.8565,
2.0143


205.5437,
-52.4100, 8.1850

 65.5415, -30.4745,
1.4982


 101.9793,
-37.4357, 3.1628

 54.6363, -28.0075,
1.0224


 115.2682,
-39.6549, 3.7890

 44.4136, -25.4316,
0.5913


 129.0888,
-41.8385, 4.4477

 34.9225, -22.7117,
0.2093

143.4215,
-43.9931, 5.1376

 26.2244, -19.7941,
-0.1180

158.2486,
-46.1236, 5.8574

 18.3995, -16.5914,
-0.3825

173.5542,

 11.5590, -14.0799,

-48.2344, 6.6058

-0.5721

189.3236,
-50.3289, 7.3820

■ 4.1097, -7.1921,
-2.2183

0.0000, NaN, NaN

■ 77.0873, -32.8565,
2.0143

■ 77.0873, -32.8565,
2.0143

■ 76.1142, -36.8264,
2.2401

■ 78.2820, -28.1132,
2.0616

■ 75.3499, -40.0187,
2.7230


■ 79.6985, -22.6175,
2.3848


■ 74.7829, -42.4567,
3.4439


■ 81.3395, -16.4099,
2.9843

■ 74.3952, -44.1919,
4.3743


■ 83.2036, -9.5429,
3.8540

 74.1601, -45.3177,
5.4750


 85.2867, -2.0768,
4.9833

 74.1015, -45.6110,
5.8406

 87.5832, 5.9236,
6.3582

 88.3125, 8.5476,
5.8077

 88.4067, 9.0495,
4.4629

 88.5025, 9.5590,
3.0979

Harmonies

Analogous

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



77.0888, -30.2564, 16.0577



77.0873, -32.8565, 2.0143



77.0888, -28.2966, -14.4122

Triad

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



77.0888, -32.8572, 2.0153



77.0888, 14.2080, -24.6592



77.0888, 9.9770, 26.4291

Complementary

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



77.0873, -32.8565, 2.0143



54.3862, 36.0262, 10.7320

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.



77.0888, 23.4663, 19.0791



77.0873, -32.8565, 2.0143



77.0888, 26.0476, -9.9130

Square

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



77.0888, -32.8572, 2.0153



77.0888, -1.8445, -31.7021



77.0888, 29.5674, 6.3151



77.0888, -6.3642, 28.3342

Rectangle

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



77.0873, -32.8565, 2.0143



77.0888, -21.5678, -23.9752



77.0888, 29.5674, 6.3151



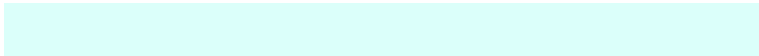
77.0888, 15.0381, 24.6005

Sweetspot

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



77.0888, -32.8572, 2.0153



96.7150, -17.2784, 3.7742



75.7727, -42.1607, 32.7831



44.5320, -8.7852, 1.6534

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.0888, -32.8572, 2.0153



90.0056, -43.3800, 2.6331



65.7354, -13.5171, -20.8043



38.4676, -5.3021, 1.6751



56.7778, -34.8764, 4.3209



14.4813, -8.6977, 0.6755

Inverse Universe

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



54.3862, 36.0262, 10.7320



58.7774, 52.6114, 15.2592



62.6903, 15.9375, 22.9906



36.1666, 1.5005, 2.4737



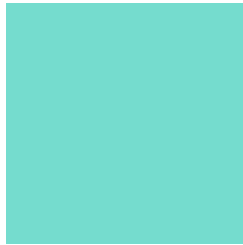
29.9901, 51.5731, 17.7200



7.6954, 13.3564, 3.5952

Previews

White Background



This preview shows how the HunterLab color 77.0873, -32.8565, 2.0143 looks on a white background.

Color Contrast Check

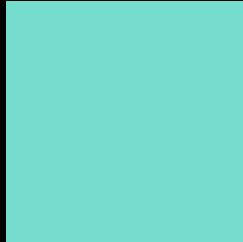
Large Text (above 18pt) WCAG AA × Fail

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 77.0873, -32.8565, 2.0143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

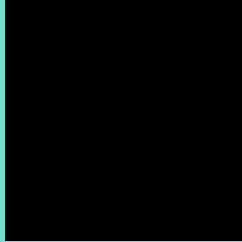
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

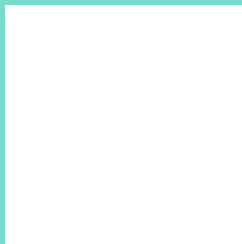
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.0873, -32.8565, 2.0143 Background



This preview shows how black text looks on a background with the HunterLab color 77.0873, -32.8565, 2.0143.



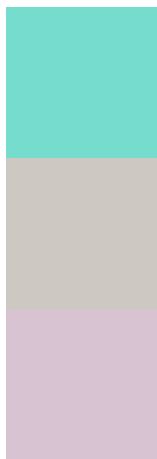
This preview shows how white text looks on a background with the HunterLab color 77.0873,

-32.8565, 2.0143.

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

77.0873, -32.8565, 2.0143

Protanopia

76.4006, -2.9620, 6.9590

Deuteranopia

76.3756, 5.6170, -0.6809



Tritanopia

77.0421, -24.2576, -12.2791

Trichromacy



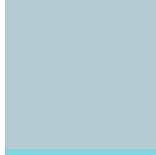
Original Color

77.0873, -32.8565, 2.0143



Protanomaly

75.9920, -15.3581, 4.3999



Deuteranomaly

75.8238, -10.4554, -0.6289



Tritanomaly

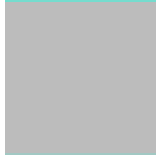
76.8707, -27.3406, -6.9570

Monochromacy



Original Color

77.0873, -32.8565, 2.0143



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

72.7531, -15.9167, 2.4758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.0873, -32.8565, 2.0143 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(117, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(117, 220, 206)  
}
```

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(117, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 220, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0873, -32.8565, 2.0143 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(117, 220, 206) }
```


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

```
.border{ border-color:rgb(117, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(117, 220,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0873, -32.8565, 2.0143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 220, 206) }
```

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

```
.background{ background-color: rgb(117,  
220, 206) }
```

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](#).

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