

Converting Colors

HunterLab(66.7535, -32.4973,
0.2870)

Have a look what the booklet for
HunterLab(66.7535, -32.4973,
0.2870) contains.

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Color

**HunterLab(66.7535,
-32.4973, 0.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	4EC4B8
RGB	78, 196, 184
RGB Percent	31%, 77%, 72%
CMY	0.6941, 0.2314, 0.2784
CMYK	0.60, 0.00, 0.06, 0.23
HSL	174°, 50%, 54%
HSV	174°, 60%, 77%
XYZ	31.5336, 44.5603, 52.2864
YIQ	159.3500, -66.4760, -28.7480

Conversions

Conversions Part 2

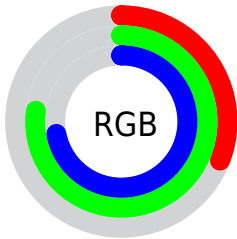
Format	Color
RYB	78, 140, 196
Decimal	5162168
CIELab	72.60, -35.77, -3.86
CIElCh	73, 35.973, 186.152
Yxy	44.5620, 0.2456, 0.3471
Android (android.graphics.Color)	4283352248 (0xFF4EC4B8)
YUV	159.3500, 12.1525, -71.3439
Hunter-Lab	66.7535, -32.4973, 0.2870

Details

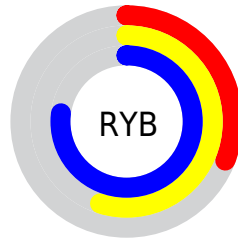
The HunterLab color **66.7535, -32.4973, 0.2870** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **42.3368, 41.1658, 13.2600**, and the grayscale version is **58.9975, -3.1480, 3.2054**.

A 20% lighter version of the original color is **90.5709, -37.2910, 1.1904**, and **45.8091, -26.5106, -0.0286** is the 20% darker color. If you saturate the color by 10%, you get **66.1595, -34.9637, 0.4905**, and if you desaturate by 10%, it is **67.5286, -29.3655, 0.3122**.

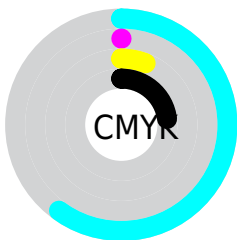
Distribution



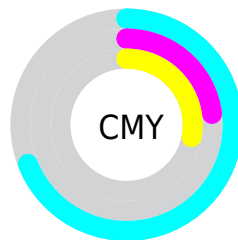
- Red (31%)
- Green (77%)
- Blue (72%)



- Red (31%)
- Yellow (55%)
- Blue (77%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (69%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7535, -32.4973, 0.2870 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 66.7535, -32.4973, 0.2870 by changing the saturation by 10% instead.

■ 66.7535, -32.4973,
0.2870

■ 66.7535, -32.4973,
0.2870

191.0489,
-53.3139, 5.7087

■ 55.7787, -29.8965,
-0.1252

■ 90.5885, -37.4432,
1.2438

■ 45.4803, -27.1777,
-0.4900

■ 103.3842,
-39.8203, 1.7810

■ 35.9077, -24.3043,
-0.8015

■ 116.7313,
-42.1490, 2.3544

■ 27.1208, -21.2206,
-1.0531

■ 130.6080,
-44.4380, 2.9624

■ 19.1972, -17.8369,
-1.2358

144.9948,
-46.6939, 3.6031

■ 12.2439, -14.8230,
-1.3360

159.8742,

■ 5.3677, -9.3934,

-48.9223, 4.2752

-2.6850

175.2303,
-51.1277, 4.9775

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7535, -32.4973,
0.2870

■ 66.7535, -32.4973,
0.2870

■ 66.1595, -34.9637,
0.4905

■ 67.5286, -29.3655,
0.3122

■ 65.7303, -36.7913,
0.9025

■ 68.4893, -25.5614,
0.5743

■ 65.4500, -38.0343,
1.4990


■ 69.6421, -21.0982,
1.0787


■ 65.2829, -38.8240,
2.2119

■ 70.9892, -16.0044,
1.8241


■ 72.5299, -10.3205,

2.8046

 74.2619, -4.0954,
4.0102

 76.1808, 2.6171,
5.4280

 78.2807, 9.7610,
7.0430

 80.5549, 17.2812,
8.8391

Harmonies

Analogous

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



66.7548, -30.3872, 14.8077



66.7535, -32.4973, 0.2870



66.7548, -27.4911, -16.9368

Triad

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



66.7548, -32.4977, 0.2879



66.7548, 16.3830, -25.9186



66.7548, 9.8728, 25.9118

Complementary

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



66.7535, -32.4973, 0.2870



42.3368, 41.1658, 13.2600

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.



66.7548, 24.2910, 19.2141



66.7535, -32.4973, 0.2870



66.7548, 28.2998, -9.8841

Square

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



66.7548, -32.4977, 0.2879



66.7548, -0.1008, -34.2747



66.7548, 31.3265, 6.8147



66.7548, -6.9608, 27.3687

Rectangle

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



66.7535, -32.4973, 0.2870



66.7548, -20.4721, -26.9180



66.7548, 31.3265, 6.8147



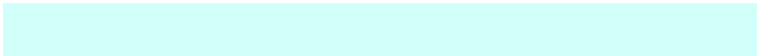
66.7548, 15.2116, 24.2955

Sweetspot

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



66.7548, -32.4977, 0.2879



95.9233, -20.1318, 2.6842



65.0346, -43.8021, 32.7352



44.1112, -10.3118, 1.0809

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.7548, -32.4977, 0.2879



88.8537, -47.8648, 0.7946



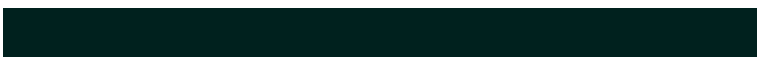
52.5976, -10.1349, -26.6387



33.7790, -4.5633, 1.3469



52.3361, -31.0780, 1.6729



10.9026, -6.3166, 0.0084

Inverse Universe

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



42.3368, 41.1658, 13.2600



51.5335, 66.9586, 21.7790



51.4892, 18.2425, 23.7459



31.7713, 1.2229, 2.2901



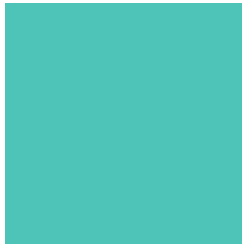
27.5303, 47.2861, 16.7072



5.7724, 10.0134, 2.7377

Previews

White Background



This preview shows how the HunterLab color 66.7535, -32.4973, 0.2870 looks on a white background.

Color Contrast Check

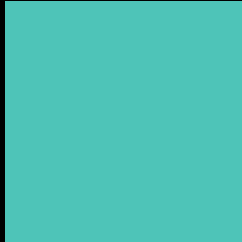
Large Text (above 18pt) WCAG AA × Fail

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 66.7535, -32.4973, 0.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

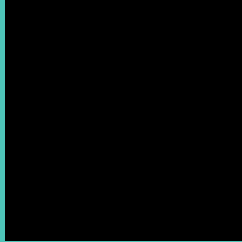
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

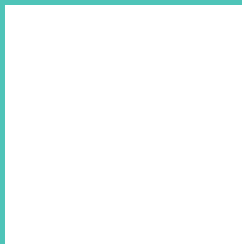
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.7535, -32.4973, 0.2870 Background



This preview shows how black text looks on a background with the HunterLab color 66.7535, -32.4973, 0.2870.



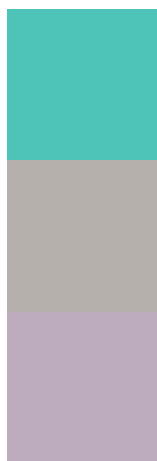
This preview shows how white text looks on a background with the HunterLab color 66.7535,

-32.4973, 0.2870.

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

66.7535, -32.4973, 0.2870

Protanopia

66.2216, -2.6021, 5.8155

Deuteranopia

66.2348, 4.4912, -2.2039



Tritanopia

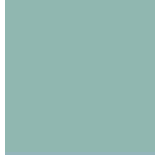
66.5793, -24.6642, -12.5471

Trichromacy



Original Color

66.7535, -32.4973, 0.2870



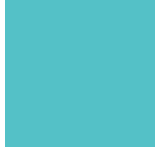
Protanomaly

65.5216, -15.8486, 2.9289



Deuteranomaly

65.5221, -11.9417, -2.3766



Tritanomaly

66.4442, -27.5301, -7.7544

Monochromacy



Original Color

66.7535, -32.4973, 0.2870



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

60.8917, -15.6089, 1.1766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7535, -32.4973, 0.2870 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(78, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(78, 196, 184)  
}
```

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(78, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 196, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7535, -32.4973, 0.2870 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(78, 196, 184) }
```


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

```
.border{ border-color:rgb(78, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(78, 196,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7535, -32.4973, 0.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 196, 184) }
```

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

```
.background{ background-color: rgb(78, 196,  
184) }
```

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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