

Converting Colors

HunterLab(68.7697, -33.5514,
4.5604)

Have a look what the booklet for
HunterLab(68.7697, -33.5514,
4.5604) contains.

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Color

**HunterLab(68.7697,
-33.5514, 4.5604)**

Conversions

Conversions Part 1

Format	Color
Hex	5BC9B4
RGB	91, 201, 180
RGB Percent	36%, 79%, 71%
CMY	0.6431, 0.2118, 0.2941
CMYK	0.55, 0.00, 0.10, 0.21
HSL	169°, 50%, 57%
HSV	169°, 55%, 79%
XYZ	33.4392, 47.2927, 50.5460
YIQ	165.7160, -58.8190, -29.8510

Conversions

Conversions Part 2

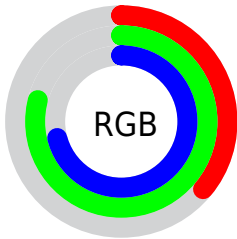
Format	Color
RYB	91, 152, 201
Decimal	6015412
CIELab	74.38, -36.58, 0.96
CIElCh	74, 36.593, 178.492
Yxy	47.2946, 0.2547, 0.3603
Android (android.graphics.Color)	4284205492 (0xFF5BC9B4)
YUV	165.7160, 7.0420, -65.5259
Hunter-Lab	68.7697, -33.5514, 4.5604

Details

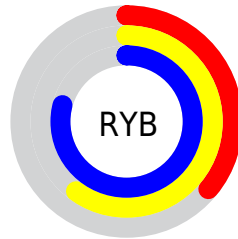
The HunterLab color **68.7697, -33.5514, 4.5604** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **45.9030, 39.2637, 9.1705**, and the grayscale version is **61.6254, -3.2882, 3.3482**.

A 20% lighter version of the original color is **91.6328, -37.0597, 4.4679**, and **47.1367, -28.1133, 3.2977** is the 20% darker color. If you saturate the color by 10%, you get **68.0088, -36.7804, 5.3801**, and if you desaturate by 10%, it is **69.7245, -29.6223, 3.9594**.

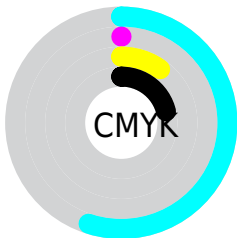
Distribution



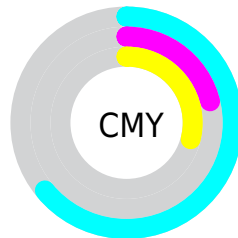
- Red (36%)
- Green (79%)
- Blue (71%)



- Red (36%)
- Yellow (60%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.7697, -33.5514, 4.5604 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 68.7697, -33.5514, 4.5604 by changing the saturation by 10% instead.

68.7697, -33.5514,
4.5604

68.7697, -33.5514,
4.5604

193.9044,
-54.6409, 11.7137

57.6789, -30.9200,
3.9103

92.8187, -38.5601,
5.9572

47.2570, -28.1718,
3.2928

105.7140,
-40.9684, 6.6996

37.5516, -25.2716,
2.7105

119.1567,
-43.3281, 7.4702

28.6201, -22.1666,
2.1655

133.1253,
-45.6476, 8.2679

20.5365, -18.7724,
1.6603

147.6008,
-47.9336, 9.0919

13.4013, -15.1958,
1.1979

162.5659,

6.9617, -12.1829,

-50.1915, 9.9413

0.9522

178.0051,
-52.4260, 10.8155

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7697, -33.5514,
4.5604

■ 68.7697, -33.5514,
4.5604

■ 68.0088, -36.7804,
5.3801

■ 69.7245, -29.6223,
3.9594

■ 67.4275, -39.3193,
6.3962

■ 70.8756, -25.0009,
3.5882

■ 67.0127, -41.2053,
7.5835

■ 72.2272, -19.7152,
3.4553

■ 66.7437, -42.5064,
8.9089


■ 73.7797, -13.8060,
3.5629


■ 66.6377, -43.0469,


■ 75.5310, -7.3239,


9.6345

3.9083

 77.4768, -0.3257,
4.4847

 79.6116, 7.1293,
5.2821

 81.9283, 14.9824,
6.2882

 82.4121, 16.7825,
5.0457

Harmonies

Analogous

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



68.7710, -29.5206, 18.1655



68.7697, -33.5514, 4.5604



68.7710, -30.2507, -12.9114

Triad

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



68.7710, -33.5520, 4.5612



68.7710, 12.7254, -29.8102



68.7710, 14.3678, 25.4272

Complementary

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



68.7697, -33.5514, 4.5604



45.9030, 39.2637, 9.1705

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.



68.7710, 27.6759, 17.0551



68.7697, -33.5514, 4.5604



68.7710, 26.6644, -14.6911

Square

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



68.7710, -33.5520, 4.5612



68.7710, -4.5361, -35.4382



68.7710, 32.3786, 2.9154



68.7710, -2.8059, 28.2447

Rectangle

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



68.7697, -33.5514, 4.5604



68.7710, -24.1350, -24.0403



68.7710, 32.3786, 2.9154



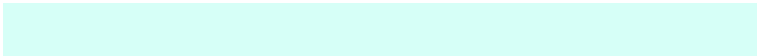
68.7710, 19.5018, 23.2886

Sweetspot

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



68.7710, -33.5520, 4.5612



96.2157, -19.2728, 4.6208



67.8537, -40.9120, 32.4457



44.3114, -9.6819, 2.1167

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.7710, -33.5520, 4.5612



88.7989, -48.9321, 7.3108



58.6925, -14.9375, -19.9184



34.6864, -4.8325, 1.7268



52.8512, -34.0593, 7.4647



11.5404, -7.1694, 1.0523

Inverse Universe

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



45.9030, 39.2637, 9.1705



54.1810, 63.1344, 15.4504



52.5259, 20.8530, 21.5581



32.6642, 1.3933, 2.0203



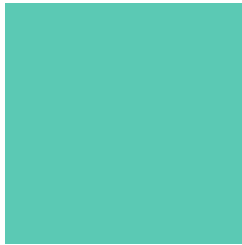
28.1202, 48.5114, 15.4203



6.2019, 10.8617, 2.1405

Previews

White Background



This preview shows how the HunterLab color 68.7697, -33.5514, 4.5604 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 68.7697, -33.5514, 4.5604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

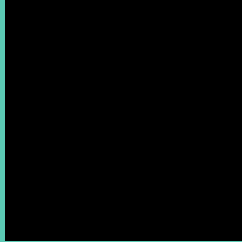
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

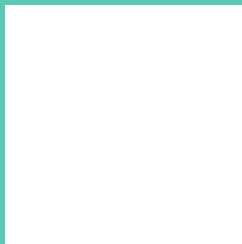
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.7697, -33.5514, 4.5604 Background



This preview shows how black text looks on a background with the HunterLab color 68.7697, -33.5514, 4.5604.



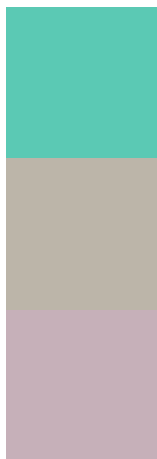
This preview shows how white text looks on a background with the HunterLab color 68.7697, -33.5514, 4.5604.

-33.5514, 4.5604.

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

68.7697, -33.5514, 4.5604

Protanopia

68.2669, -3.3091, 9.4076

Deuteranopia

68.2343, 5.0350, 2.2514



Tritanopia

68.5989, -23.5028, -11.9761

Trichromacy



Original Color

68.7697, -33.5514, 4.5604



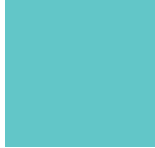
Protanomaly

67.6431, -16.3498, 6.7421



Deuteranomaly

67.4446, -11.6492, 1.9720



Tritanomaly

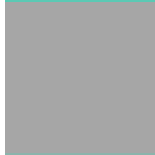
68.6695, -27.4860, -5.3473

Monochromacy



Original Color

68.7697, -33.5514, 4.5604



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

63.7726, -16.1048, 3.1945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7697, -33.5514, 4.5604 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(91, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(91, 201, 180)  
}
```

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(91, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 201, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7697, -33.5514, 4.5604 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(91, 201, 180) }
```


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

```
.border{ border-color:rgb(91, 201, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 201, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 201, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 201, 180);  
box-shadow:4px 4px 4px 4px rgb(91, 201,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.7697, -33.5514, 4.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 201, 180) }
```

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

```
.background{ background-color: rgb(91, 201,  
180) }
```

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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