

Converting Colors

HunterLab(67.6353, -32.9488,
-4.9207)

Have a look what the booklet for
HunterLab(67.6353, -32.9488,
-4.9207) contains.

HunterLab(67.7174, -33.1696, -4.5787)	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(67.7174,
-33.1696, -4.5787)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC7C4
RGB	62, 199, 196
RGB Percent	24%, 78%, 77%
CMY	0.7568, 0.2196, 0.2314
CMYK	0.69, 0.00, 0.02, 0.22
HSL	179°, 55%, 51%
HSV	179°, 69%, 78%
XYZ	32.3738, 45.8565, 59.3694
YIQ	157.6950, -80.6890, -29.9770

Conversions

Conversions Part 2

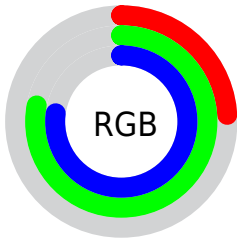
Format	Color
R _Y B	62, 131, 199
Decimal	4114372
CIE Lab	73.45, -36.39, -9.16
CIE LCh	73, 37.522, 194.135
Yxy	45.8582, 0.2353, 0.3333
Android (android.graphics.Color)	4282304452 (0xFF3EC7C4)
YUV	157.6950, 18.8844, -83.9245
Hunter-Lab	67.7174, -33.1696, -4.5787

Details

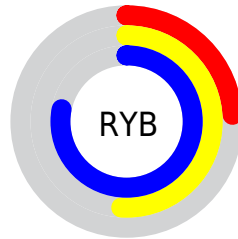
The HunterLab color **67.7174, -33.1696, -4.5787** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **39.9630, 47.2311, 18.0300**, and the grayscale version is **58.2998, -3.1107, 3.1675**.

A 20% lighter version of the original color is **91.2146, -37.5298, -4.8551**, and **46.7969, -25.2295, -4.0288** is the 20% darker color. If you saturate the color by 10%, you get **67.3116, -34.7985, -4.9048**, and if you desaturate by 10%, it is **68.2960, -30.8914, -4.0219**.

Distribution



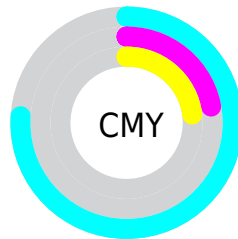
- Red (24%)
- Green (78%)
- Blue (77%)



- Red (24%)
- Yellow (51%)
- Blue (78%)



- Cyan (69%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (76%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.7174, -33.1696, -4.5787 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 67.7174, -33.1696, -4.5787 by changing the saturation by 10% instead.

67.7174, -33.1696,
-4.5787

67.7174, -33.1696,
-4.5787

192.4158,
-54.2126, -0.8924

56.6868, -30.5401,
-4.7599

91.6552, -38.1704,
-4.0552

46.3291, -27.7922,
-4.8827

104.4987,
-40.5740, -3.7225

36.6926, -24.8896,
-4.9397

117.8917,
-42.9285, -3.3463

27.8360, -21.7775,
-4.9232

131.8126,
-45.2425, -2.9292

19.8354, -18.3682,
-4.8233

146.2419,
-47.5228, -2.4735

12.7943, -15.0324,
-4.6299

161.1624,

6.1832, -10.8205,

-49.7750, -1.9810

-5.8349

176.5585,
-52.0037, -1.4535

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7174, -33.1696,
-4.5787

■ 67.7174, -33.1696,
-4.5787

■ 67.3116, -34.7985,
-4.9048

■ 68.2960, -30.8914,
-4.0219

■ 67.0575, -35.8315,
-5.0237

■ 69.0560, -27.9339,
-3.2248

■ 66.9249, -36.3869,
-4.9770


■ 70.0071, -24.2901,
-2.1815


■ 66.9120, -36.4412,
-4.9681

■ 71.1547, -19.9712,
-0.8937


■ 72.5010, -15.0045,

0.6314

 74.0455, -9.4293,
2.3822

 75.7857, -3.2942,
4.3437

 77.7173, 3.3472,
6.4986

 79.8343, 10.4387,
8.8283

Harmonies

Analogous

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



67.7187, -32.9546, 11.8414



67.7174, -33.1696, -4.5787



67.7187, -26.0474, -22.5088

Triad

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



67.7187, -33.1698, -4.5778



67.7187, 21.3580, -23.4446



67.7187, 5.7985, 27.7555

Complementary

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



67.7174, -33.1696, -4.5787



39.9630, 47.2311, 18.0300

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.



67.7187, 22.1761, 22.3530



67.7174, -33.1696, -4.5787



67.7187, 31.7609, -5.6294

Square

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



67.7187, -33.1698, -4.5778



67.7187, 4.7702, -35.1282



67.7187, 32.0747, 11.0242



67.7187, -11.6147, 27.9015

Rectangle

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



67.7174, -33.1696, -4.5787



67.7187, -17.6370, -31.7681



67.7187, 32.0747, 11.0242



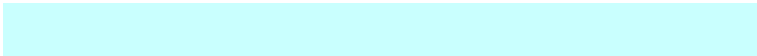
67.7187, 11.6456, 26.5702

Sweetspot

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



67.7187, -33.1698, -4.5778



95.4697, -21.5526, 0.3091



65.0956, -49.2596, 35.0972



43.9339, -10.8356, -0.1232

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7187, -33.1698, -4.5778



88.8629, -46.8723, -6.6066



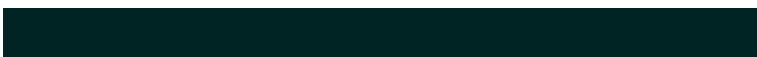
47.4300, -4.0823, -38.3914



34.7324, -4.5769, 1.0717



53.6567, -29.2112, -4.0075



11.6813, -6.3230, -0.9511

Inverse Universe

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



39.9630, 47.2311, 18.0300



48.1940, 73.6264, 27.5474



52.3417, 17.1109, 27.3885



32.6200, 1.1553, 2.6513



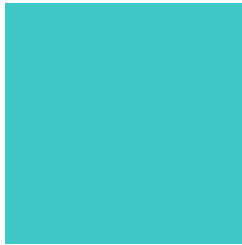
27.9562, 47.9039, 17.8473



6.0943, 10.4648, 3.7200

Previews

White Background



This preview shows how the HunterLab color 67.7174, -33.1696, -4.5787 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 67.7174, -33.1696, -4.5787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

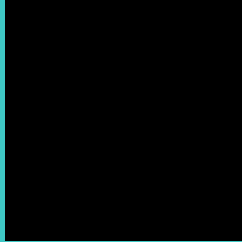
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

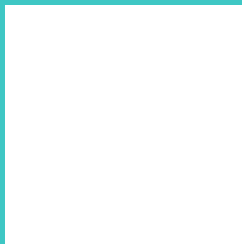
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.7174, -33.1696, -4.5787 Background



This preview shows how black text looks on a background with the HunterLab color 67.7174, -33.1696, -4.5787.



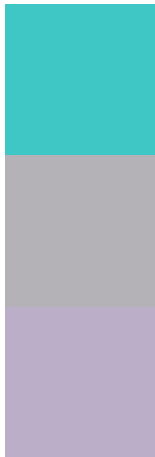
This preview shows how white text looks on a background with the HunterLab color 67.7174,

-33.1696, -4.5787.

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

67.7174, -33.1696, -4.5787

Protanopia

67.1442, -1.7965, 1.7832

Deuteranopia

67.0285, 5.0093, -7.4883



Tritanopia

67.5077, -27.6503, -13.5912

Trichromacy



Original Color

67.7174, -33.1696, -4.5787



Protanomaly

66.4469, -16.5720, -1.7983



Deuteranomaly

66.0706, -12.3479, -7.9914



Tritanomaly

67.5409, -29.6857, -10.1606

Monochromacy



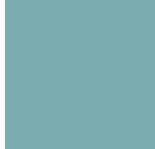
Original Color

67.7174, -33.1696, -4.5787



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

60.8906, -16.9772, -0.7805

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7174, -33.1696, -4.5787 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(62, 199, 196)` looks like.

```
.text, #text, p{  
    color:rgb(62, 199, 196)  
}
```

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(62, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 199, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7174, -33.1696, -4.5787 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(62, 199, 196) }
```


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

```
.border{ border-color:rgb(62, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(62, 199,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7174, -33.1696, -4.5787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 199, 196) }
```

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

```
.background{ background-color: rgb(62, 199,  
196) }
```

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