

# Converting Colors

HunterLab(67.9535, -32.1763,  
-0.3588)

Have a look what the booklet for  
HunterLab(67.9535, -32.1763,  
-0.3588) contains.

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# Color

**HunterLab(68.0564,  
-32.3675, -0.0792)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53C7BC
RGB	83, 199, 188
RGB Percent	33%, 78%, 74%
CMY	0.6745, 0.2196, 0.2627
CMYK	0.58, 0.00, 0.06, 0.22
HSL	174°, 51%, 55%
HSV	174°, 58%, 78%
XYZ	33.0679, 46.3167, 54.7742
YIQ	163.0620, -65.6050, -28.0130

# Conversions

## Conversions Part 2

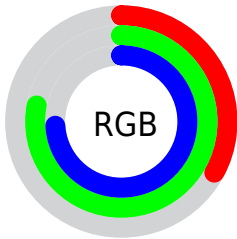
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 144, 199
Decimal	5490620
CIE Lab	73.75, -35.19, -4.32
CIE LCh	74, 35.458, 186.997
Yxy	46.3185, 0.2465, 0.3452
Android (android.graphics.Color)	4283680700 (0xFF53C7BC)
YUV	163.0620, 12.2944, -70.2144
Hunter-Lab	68.0564, -32.3675, -0.0792

# Details

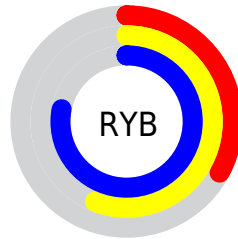
The HunterLab color **68.0564, -32.3675, -0.0792** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **43.7472, 40.4170, 13.3101**, and the grayscale version is **60.5162, -3.2290, 3.2880**.

A 20% lighter version of the original color is **91.5922, -36.6961, 0.3930**, and **46.5787, -26.5341, -0.9399** is the 20% darker color. If you saturate the color by 10%, you get **67.4230, -34.9767, 0.0267**, and if you desaturate by 10%, it is **68.8761, -29.0779, 0.0518**.

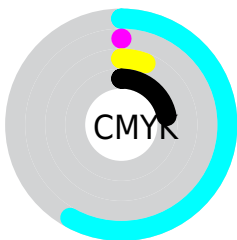
# Distribution



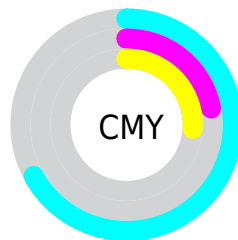
- Red (33%)
- Green (78%)
- Blue (74%)



- Red (33%)
- Yellow (56%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0564, -32.3675, -0.0792 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 68.0564, -32.3675, -0.0792 by changing the saturation by 10% instead.



68.0564, -32.3675,  
-0.0792

68.0564, -32.3675,  
-0.0792

192.8958,  
-52.9043, 5.2201

57.0064, -29.8127,  
-0.4753

92.0302, -37.2347,  
0.8473

46.6279, -27.1461,  
-0.8233

104.8904,  
-39.5772, 1.3701

36.9691, -24.3333,  
-1.1173

118.2995,  
-41.8739, 1.9296

28.0883, -21.3226,  
-1.3506

132.2357,  
-44.1329, 2.5241

20.0608, -18.0309,  
-1.5142

146.6800,  
-46.3606, 3.1518

12.9892, -14.6526,  
-1.5947

161.6149,

6.4447, -11.2782,

-48.5623, 3.8112

-2.4274

177.0249,  
-50.7423, 4.5010

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0564, -32.3675,  
-0.0792

■ 68.0564, -32.3675,  
-0.0792

■ 67.4230, -34.9767,  
0.0267

■ 68.8761, -29.0779,  
0.0518

■ 66.9601, -36.9285,  
0.3507

■ 69.8863, -25.1040,  
0.4263

■ 66.6525, -38.2732,  
0.8698

■ 71.0928, -20.4625,  
1.0482

■ 66.4711, -39.1168,  
1.5436


■ 72.4973, -15.1846,  
1.9148

■ 66.4447, -39.2428,


■ 74.0990, -9.3132,


1.6639

3.0189

 75.8950, -2.8992,  
4.3491

 77.8805, 4.0020,  
5.8914

 80.0494, 11.3334,  
7.6301

 81.5571, 16.3511,  
8.5583

# Harmonies

## Analogous

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



68.0577, -30.4635, 14.4816



68.0564, -32.3675, -0.0792



68.0577, -27.1812, -17.0917

# Triad

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



68.0577, -32.3679, -0.0783



68.0577, 16.5440, -25.1005



68.0577, 9.2215, 26.0538

# Complementary

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



68.0564, -32.3675, -0.0792



43.7472, 40.4170, 13.3101

# 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.



68.0577, 23.6235, 19.4885



68.0564, -32.3675, -0.0792



68.0577, 28.1246, -9.1861

# Square

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



68.0577, -32.3679, -0.0783



68.0577, 0.2760, -33.6073



68.0577, 30.8315, 7.2820



68.0577, -7.4597, 27.3809



# Rectangle

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



68.0564, -32.3675, -0.0792



68.0577, -20.0793, -26.8034



68.0577, 30.8315, 7.2820



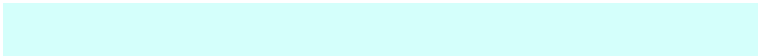
68.0577, 14.5359, 24.4779

# Sweetspot

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



68.0577, -32.3679, -0.0783



96.1369, -19.3198, 2.6713



66.2456, -44.0828, 32.7231



44.2897, -9.6350, 1.1126

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



68.0577, -32.3679, -0.0783



89.0249, -47.0726, 0.1250



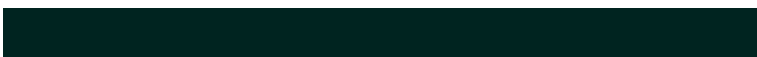
53.4939, -9.5147, -27.0934



34.7125, -4.6878, 1.3559



53.2867, -31.4279, 1.2400



11.6175, -6.7047, -0.0474



# Inverse Universe

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



43.7472, 40.4170, 13.3101



52.2456, 65.2327, 21.4697



53.4551, 16.7131, 24.1533



32.6389, 1.2574, 2.3806



28.0063, 48.0897, 17.1042

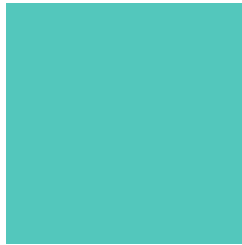


6.1409, 10.6374, 3.0315



# Previews

## White Background



This preview shows how the HunterLab color 68.0564, -32.3675, -0.0792 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

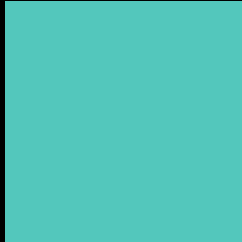
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 68.0564, -32.3675, -0.0792 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

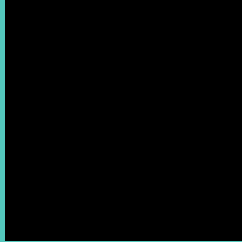
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

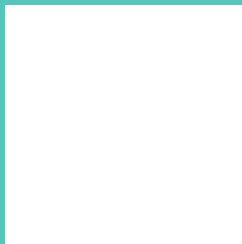
Any Text WCAG AAA ✓ Pass

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

## HunterLab 68.0564, -32.3675, -0.0792 Background



This preview shows how black text looks on a background with the HunterLab color 68.0564, -32.3675, -0.0792.



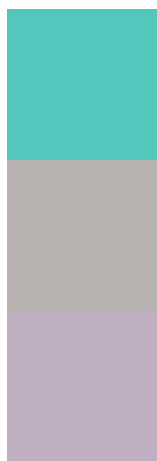
This preview shows how white text looks on a background with the HunterLab color 68.0564,

-32.3675, -0.0792.

# 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

68.0564, -32.3675, -0.0792

### Protanopia

67.5020, -2.5068, 5.4731

### Deuteranopia

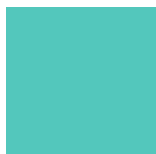
67.5178, 4.6233, -2.6188



## Tritanopia

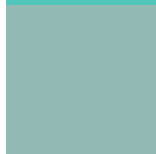
68.1603, -25.2348, -12.0495

# Trichromacy



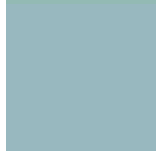
## Original Color

68.0564, -32.3675, -0.0792



## Protanomaly

66.7953, -15.7977, 2.5542



## Deuteranomaly

66.8715, -11.6056, -2.6993



## Tritanomaly

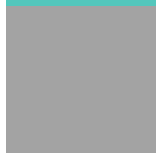
68.0942, -27.7692, -7.7217

# Monochromacy



## Original Color

68.0564, -32.3675, -0.0792



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

62.5280, -15.7800, 1.2447

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.0564, -32.3675, -0.0792 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(83, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(83, 199, 188)  
}
```

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(83, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 199, 188) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.0564, -32.3675, -0.0792 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(83, 199, 188) }
```



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

```
.border{ border-color:rgb(83, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 199, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 199, 188);  
box-shadow:4px 4px 4px 4px rgb(83, 199,  
188) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.0564, -32.3675, -0.0792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 199, 188) }
```

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

```
.background{ background-color: rgb(83, 199,  
188) }
```

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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