

Converting Colors

HunterLab(62.3069, -37.2917,
3.8667)

Have a look what the booklet for
HunterLab(62.3069, -37.2917,
3.8667) contains.

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Color

**HunterLab(62.3069,
-37.2917, 3.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	13BCA5
RGB	19, 188, 165
RGB Percent	7%, 74%, 65%
CMY	0.9254, 0.2627, 0.3529
CMYK	0.90, 0.00, 0.12, 0.26
HSL	172°, 82%, 41%
HSV	172°, 90%, 74%
XYZ	25.0433, 38.8215, 41.7707
YIQ	134.8470, -93.3410, -42.9810

Conversions

Conversions Part 2

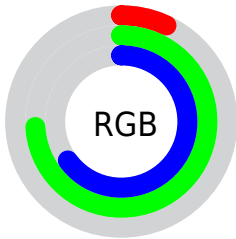
Format	Color
RYP	19, 110, 188
Decimal	1293477
CIELab	68.62, -44.20, 0.58
CIElCh	69, 44.209, 179.251
Yxy	38.8230, 0.2371, 0.3675
Android (android.graphics.Color)	4279483557 (0xFF13BCA5)
YUV	134.8470, 14.8654, -101.5978
Hunter-Lab	62.3069, -37.2917, 3.8667

Details

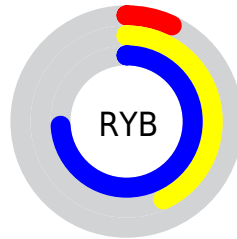
The HunterLab color **62.3069, -37.2917, 3.8667** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **33.6533, 54.5677, 17.8297**, and the grayscale version is **49.1339, -2.6217, 2.6695**.

A 20% lighter version of the original color is **85.6479, -43.2519, 5.1461**, and **42.7112, -26.6594, 4.1648** is the 20% darker color. If you saturate the color by 10%, you get **62.1237, -38.1838, 4.7915**, and if you desaturate by 10%, it is **62.5996, -35.9718, 3.0597**.

Distribution



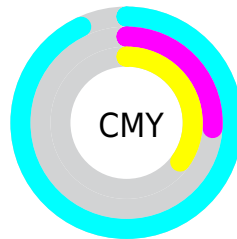
- Red (7%)
- Green (74%)
- Blue (65%)



- Red (7%)
- Yellow (43%)
- Blue (74%)



- Cyan (90%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (93%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.3069, -37.2917, 3.8667 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 62.3069, -37.2917, 3.8667 by changing the saturation by 10% instead.

■ 62.3069, -37.2917,
3.8667

■ 62.3069, -37.2917,
3.8667

184.6990,
-61.8961, 10.7386

■ 51.5966, -34.1144,
3.2551

■ 85.6550, -43.2575,
5.1919

■ 41.5807, -30.7590,
2.6786

■ 98.2245, -46.0940,
5.9010

■ 32.3128, -27.1697,
2.1403

■ 111.3549,
-48.8556, 6.6395

■ 23.8588, -23.2606,
1.6430

■ 125.0234,
-51.5546, 7.4064

■ 16.3064, -18.8919,
1.1902

■ 139.2093,
-54.2009, 8.2006

■ 9.7796, -17.1143,
0.7865

153.8946,

0.0000, NaN, NaN

-56.8024, 9.0212

0.0000, NaN, NaN

169.0628,
-59.3656, 9.8675

0.0000, NaN, NaN

■ 62.3069, -37.2917,
3.8667

■ 62.3069, -37.2917,
3.8667

■ 62.1237, -38.1838,
4.7915

■ 62.5996, -35.9718,
3.0597

■ 62.1217, -38.1936,
4.8023

■ 63.0343, -34.0878,
2.4177

■ 63.6280, -31.5918,
1.9663

■ 64.3922, -28.4602,
1.7233

■ 65.3345, -24.6898,
1.7009

■ 66.4594, -20.2955,
1.9051

■ 67.7688, -15.3063,
2.3369

■ 69.2620, -9.7622,
2.9926

■ 70.9362, -3.7108,
3.8643

Harmonies

Analogous

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



62.3081, -33.0400, 19.3393



62.3069, -37.2917, 3.8667



62.3081, -33.4423, -17.2510

Triad

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



62.3081, -37.2920, 3.8674



62.3081, 16.5883, -37.6868



62.3081, 17.5667, 27.3427

Complementary

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



62.3069, -37.2917, 3.8667



33.6533, 54.5677, 17.8297

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.



62.3081, 33.8789, 18.7435



62.3069, -37.2917, 3.8667



62.3081, 33.2658, -18.3481

Square

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



62.3081, -37.2920, 3.8674



62.3081, -3.8293, -45.3651



62.3081, 39.9517, 2.9120



62.3081, -2.8250, 29.9941

Rectangle

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



62.3069, -37.2917, 3.8667



62.3081, -26.4848, -31.1537



62.3081, 39.9517, 2.9120



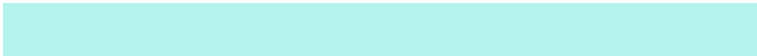
62.3081, 23.7987, 25.2198

Sweetspot

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



62.3081, -37.2920, 3.8674



89.8760, -25.7542, 2.6785



60.4635, -49.2588, 35.7900



41.4162, -12.9523, 1.1708



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



62.3081, -37.2920, 3.8674



83.6128, -51.5144, 6.6960



44.0827, -7.5876, -36.9611



32.8430, -4.4778, 1.4366



51.2659, -31.4669, 3.8501



10.1772, -6.0420, 0.3223

Inverse Universe

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



33.6533, 54.5677, 17.8297



44.1454, 75.8531, 26.5658



40.2627, 34.1392, 24.4988



30.9143, 1.2245, 2.1046



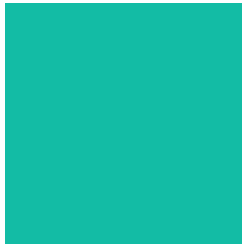
27.0838, 46.5890, 15.8955



5.4246, 9.4580, 2.2009

Previews

White Background



This preview shows how the HunterLab color 62.3069, -37.2917, 3.8667 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 62.3069, -37.2917, 3.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

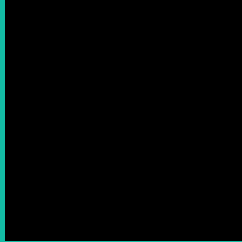
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

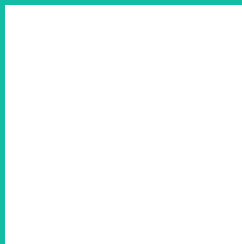
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.3069, -37.2917, 3.8667 Background



This preview shows how black text looks on a background with the HunterLab color 62.3069, -37.2917, 3.8667.



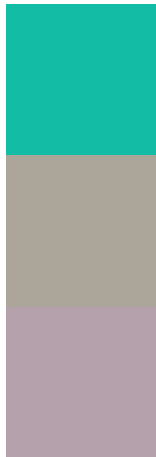
This preview shows how white text looks on a background with the HunterLab color 62.3069,

-37.2917, 3.8667.

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

62.3069, -37.2917, 3.8667

Protanopia

61.6286, -2.9484, 8.9302

Deuteranopia

61.7522, 4.4294, 1.1371



Tritanopia

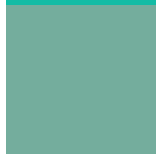
62.2102, -26.8208, -13.0541

Trichromacy



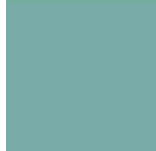
Original Color

62.3069, -37.2917, 3.8667



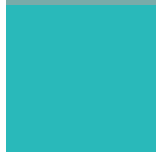
Protanomaly

60.0287, -21.1007, 5.1143



Deuteranomaly

60.0461, -17.0600, -0.3620



Tritanomaly

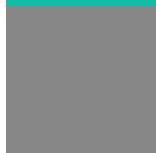
62.2210, -31.0665, -6.4697

Monochromacy



Original Color

62.3069, -37.2917, 3.8667



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

52.4535, -19.4519, 1.2426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.3069, -37.2917, 3.8667 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(19, 188, 165)` looks like.

```
.text, #text, p{  
    color:rgb(19, 188, 165)  
}
```

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(19, 188, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 188, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 62.3069, -37.2917, 3.8667 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(19, 188, 165) }
```


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

```
.border{ border-color:rgb(19, 188, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 188, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 188, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 188, 165);  
box-shadow:4px 4px 4px 4px rgb(19, 188,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.3069, -37.2917, 3.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 188, 165) }
```

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

```
.background{ background-color: rgb(19, 188,  
165) }
```

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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