

Converting Colors

HunterLab(57.8874, -29.9718,
-5.8709)

Have a look what the booklet for
HunterLab(57.8874, -29.9718,
-5.8709) contains.

HunterLab(57.8880, -29.9837, -5.8688)	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(57.8880,
-29.9837, -5.8688)**

Conversions

Conversions Part 1

Format	Color
Hex	17AEAE
RGB	23, 174, 174
RGB Percent	9%, 68%, 68%
CMY	0.9097, 0.3176, 0.3176
CMYK	0.87, 0.00, 0.00, 0.32
HSL	180°, 77%, 39%
HSV	180°, 87%, 68%
XYZ	23.1294, 33.5102, 45.2934
YIQ	128.8510, -89.9960, -32.0120

Conversions

Conversions Part 2

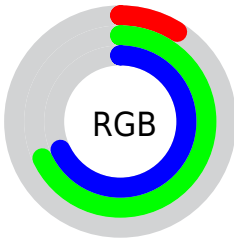
Format	Color
R_{YB}	23, 99, 174
Decimal	1552046
CIE _{Lab}	64.57, -35.13, -10.38
CIE _{LCh}	65, 36.633, 196.461
Yxy	33.5115, 0.2269, 0.3287
Android (android.graphics.Color)	4279742126 (0xFF17AEAE)
YUV	128.8510, 22.2585, -92.8313
Hunter-Lab	57.8880, -29.9837, -5.8688

Details

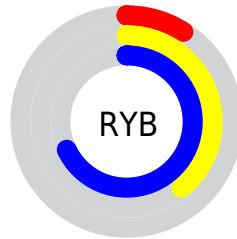
The HunterLab color **57.8880, -29.9837, -5.8688** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **31.1037, 48.3960, 18.4661**, and the grayscale version is **46.7384, -2.4938, 2.5394**.

A 20% lighter version of the original color is **80.7058, -34.9985, -5.3403**, and **38.8328, -20.3813, -4.5402** is the 20% darker color. If you saturate the color by 10%, you get **57.7627, -30.4826, -6.0442**, and if you desaturate by 10%, it is **58.1280, -29.0439, -5.5359**.

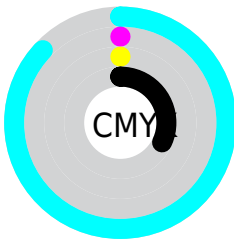
Distribution



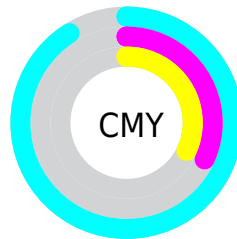
- Red (9%)
- Green (68%)
- Blue (68%)



- Red (9%)
- Yellow (39%)
- Blue (68%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)



- Cyan (91%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.8880, -29.9837, -5.8688 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 57.8880, -29.9837, -5.8688 by changing the saturation by 10% instead.

■ 57.8880, -29.9837,
-5.8688

■ 57.8880, -29.9837,
-5.8688

178.3110,
-50.8509, -2.9185

■ 47.4537, -27.3314,
-5.9453

■ 80.7299, -34.9857,
-5.5368

■ 37.7338, -24.5367,
-5.9557

■ 93.0650, -37.3760,
-5.2922

■ 28.7866, -21.5496,
-5.8917

■ 105.9712,
-39.7114, -5.0001

■ 20.6856, -18.2908,
-5.7446

■ 119.4243,
-42.0018, -4.6633

■ 13.5306, -14.7635,
-5.5069

■ 133.4030,
-44.2552, -4.2847

■ 7.1151, -12.4515,
-5.9518

147.8881,

0.0000, NaN, -NF

-46.4778, -3.8664

0.0000, NaN, NaN

162.8626,
-48.6750, -3.4104

0.0000, NaN, NaN

■ 57.8880, -29.9837,
-5.8688

■ 57.8880, -29.9837,
-5.8688

■ 57.7627, -30.4826,
-6.0442

■ 58.1280, -29.0439,
-5.5359

■ 57.7313, -30.6067,
-6.0881

■ 58.5006, -27.5868,
-5.0207

■ 59.0201, -25.5723,
-4.3081

■ 59.6962, -22.9801,
-3.3905

■ 60.5354, -19.8074,
-2.2667

■ 61.5414, -16.0662,
-0.9402

■ 62.7156, -11.7812,
0.5806

■ 64.0574, -6.9867,
2.2843

■ 65.5644, -1.7240,
4.1569

Harmonies

Analogous

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



57.8891, -30.3146, 9.6539



57.8880, -29.9837, -5.8688



57.8891, -22.9828, -22.6384

Triad

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



57.8891, -29.9838, -5.8680



57.8891, 21.2040, -21.1379



57.8891, 4.3651, 25.1549

Complementary

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



57.8880, -29.9837, -5.8688



31.1037, 48.3960, 18.4661

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.



57.8891, 19.9101, 20.7468



57.8880, -29.9837, -5.8688



57.8891, 30.3280, -4.2063

Square

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



57.8891, -29.9838, -5.8680



57.8891, 5.9805, -32.9765



57.8891, 29.8300, 10.9181



57.8891, -11.6379, 24.9381

Rectangle

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



57.8880, -29.9837, -5.8688



57.8891, -14.9886, -31.0343



57.8891, 29.8300, 10.9181



57.8891, 9.8505, 24.2309

Sweetspot

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



57.8891, -29.9838, -5.8680



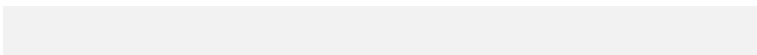
82.9293, -21.4690, -1.2064



55.2707, -46.0017, 32.3817



38.8670, -10.9700, -0.8697



94.3401, -5.0338, 5.1257



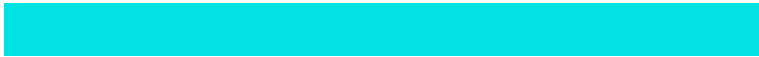
41.3092, -2.2042, 2.2444

Same Dimension

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



57.8891, -29.9838, -5.8680



77.7522, -41.2209, -8.1993



35.4273, 1.7401, -45.1585



30.1199, -3.8987, 0.8685



49.1661, -26.0658, -5.1848



8.2004, -4.3475, -0.8648

Inverse Universe

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



31.1037, 48.3960, 18.4661



40.4014, 69.1887, 26.1064



41.7438, 20.1380, 24.9222



28.3114, 0.9273, 2.3553



25.5476, 43.7511, 16.5082



4.2611, 7.2973, 2.7533

Previews

White Background



This preview shows how the HunterLab color 57.8880, -29.9837, -5.8688 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 57.8880, -29.9837, -5.8688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

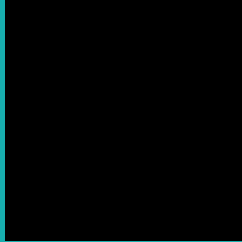
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

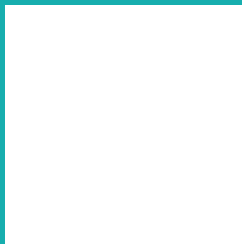
Any Text WCAG AAA ✓ Pass

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

HunterLab 57.8880, -29.9837, -5.8688 Background



This preview shows how black text looks on a background with the HunterLab color 57.8880, -29.9837, -5.8688.



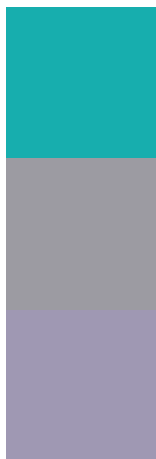
This preview shows how white text looks on a background with the HunterLab color 57.8880,

-29.9837, -5.8688.

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

57.8880, -29.9837, -5.8688

Protanopia

57.5493, -1.6024, 0.2172

Deuteranopia

57.5170, 3.8159, -8.4539



Tritanopia

57.8466, -25.8937, -12.4220

Trichromacy



Original Color

57.8880, -29.9837, -5.8688



Protanomaly

56.3755, -16.3734, -3.4898



Deuteranomaly

56.2414, -12.9292, -9.4203



Tritanomaly

57.9550, -27.4580, -10.0444

Monochromacy



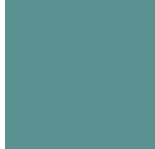
Original Color

57.8880, -29.9837, -5.8688



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

49.4659, -16.3695, -1.9141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.8880, -29.9837, -5.8688 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(23, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(23, 174, 174)  
}
```

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(23, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 174, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 57.8880, -29.9837, -5.8688 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(23, 174, 174) }
```


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

```
.border{ border-color:rgb(23, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(23, 174,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.8880, -29.9837, -5.8688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 174, 174) }
```

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

```
.background{ background-color: rgb(23, 174,  
174) }
```

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