

Converting Colors

HunterLab(68.1807, -29.7182,
-17.0126)

Have a look what the booklet for
HunterLab(68.1807, -29.7182,
-17.0126) contains.

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Color

**HunterLab(68.1568,
-29.7992, -16.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	2AC7DB
RGB	42, 199, 219
RGB Percent	16%, 78%, 86%
CMY	0.8352, 0.2196, 0.1412
CMYK	0.81, 0.09, 0.00, 0.14
HSL	187°, 71%, 51%
HSV	187°, 81%, 86%
XYZ	34.1644, 46.4535, 74.1835
YIQ	154.3370, -99.9920, -27.0640

Conversions

Conversions Part 2

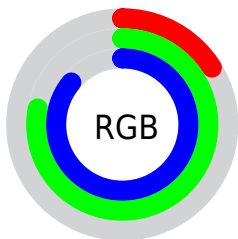
Format	Color
R _Y B	42, 125, 219
Decimal	2803675
CIE Lab	73.84, -31.73, -21.09
CIE LCh	74, 38.099, 213.613
Yxy	46.4552, 0.2207, 0.3001
Android (android.graphics.Color)	4280993755 (0xFF2AC7DB)
YUV	154.3370, 31.8789, -98.5195
Hunter-Lab	68.1568, -29.7992, -16.8229

Details

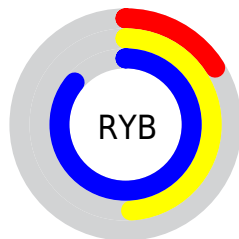
The HunterLab color **68.1568, -29.7992, -16.8229** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **43.2138, 53.8930, 24.5642**, and the grayscale version is **56.8889, -3.0355, 3.0909**.

A 20% lighter version of the original color is **90.9186, -38.5264, -6.3466**, and **47.8865, -21.0804, -14.3474** is the 20% darker color. If you saturate the color by 10%, you get **67.0694, -29.7135, -18.4375**, and if you desaturate by 10%, it is **69.4247, -29.2068, -14.9673**.

Distribution



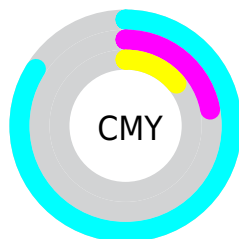
- Red (16%)
- Green (78%)
- Blue (86%)



- Red (16%)
- Yellow (49%)
- Blue (86%)



- Cyan (81%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (84%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1568, -29.7992, -16.8229 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 68.1568, -29.7992, -16.8229 by changing the saturation by 10% instead.

68.1568, -29.7992,
-16.8229

68.1568, -29.7992,
-16.8229

193.0377,
-48.9023, -16.6911

57.1009, -27.4507,
-16.5641

92.1411, -34.2912,
-17.1536

46.7163, -25.0078,
-16.2419

105.0063,
-36.4619, -17.2339

37.0510, -22.4401,
-15.8550

118.4201,
-38.5951, -17.2611

28.1630, -19.7023,
-15.4087

132.3609,
-40.6979, -17.2380

20.1275, -16.7214,
-14.9246

146.8096,
-42.7758, -17.1673

13.0470, -13.5053,
-14.4750

161.7487,

6.5200, -11.4100,

-44.8335, -17.0511

-16.3638

177.1629,
-46.8746, -16.8918

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 68.1568, -29.7992,
-16.8229

■ 68.1568, -29.7992,
-16.8229

■ 67.0694, -29.7135,
-18.4375

■ 69.4247, -29.2068,
-14.9673

■ 66.1904, -29.1729,
-19.7563

■ 70.8852, -27.8842,
-12.8649

■ 72.5487, -25.8117,
-10.5183

■ 74.4194, -22.9947,
-7.9395

■ 76.4976, -19.4577,

-5.1464

■ 78.7805, -15.2395,
-2.1606

■ 81.2633, -10.3882,
0.9952

■ 83.9392, -4.9572,
4.2980

■ 86.8006, 0.9979,
7.7258

Harmonies

Analogous

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



68.1580, -34.4683, 1.6322



68.1568, -29.7992, -16.8229



68.1580, -18.1557, -32.2542

Triad

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



68.1580, -29.7991, -16.8218



68.1580, 29.7084, -12.3546



68.1580, -5.7779, 28.8099

Complementary

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



68.1568, -29.7992, -16.8229



43.2138, 53.8930, 24.5642

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.



68.1580, 12.2014, 26.8572



68.1568, -29.7992, -16.8229



68.1580, 33.8768, 5.7245

Square

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



68.1580, -29.7991, -16.8218



68.1580, 16.3015, -29.2458



68.1580, 27.1762, 19.3473



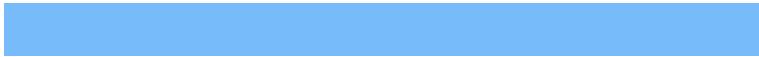
68.1580, -21.5242, 25.5886

Rectangle

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



68.1568, -29.7992, -16.8229



68.1580, -7.3959, -37.0859



68.1580, 27.1762, 19.3473



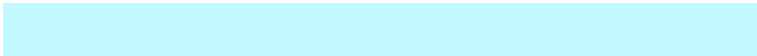
68.1580, 0.1982, 28.7318

Sweetspot

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



68.1580, -29.7991, -16.8218



92.6552, -19.8934, -3.7940



71.7492, -58.1522, 39.6934



42.4163, -10.0347, -2.3446

0.0000, NaN, NaN



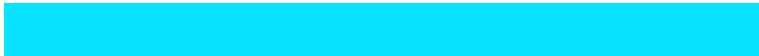
46.2646, -2.4686, 2.5136

Same Dimension

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



68.1580, -29.7991, -16.8218



78.8893, -34.8139, -23.1016



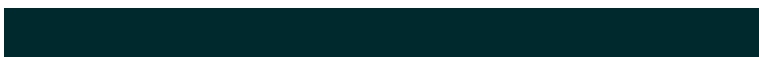
41.6833, 11.0974, -69.4473



38.1643, -4.5221, 0.6747



51.0686, -22.5914, -15.0630



13.2763, -6.1014, -3.4231

Inverse Universe

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



45.6519, 77.8842, -40.6828



51.9374, 98.8060, -49.2697



60.3923, 13.2922, 35.2942



36.3980, 2.7428, -0.8212



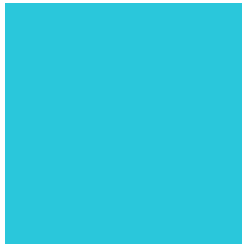
33.5508, 64.3913, -32.0755



8.5827, 16.5402, -8.7334

Previews

White Background



This preview shows how the HunterLab color 68.1568, -29.7992, -16.8229 looks on a white background.

Color Contrast Check

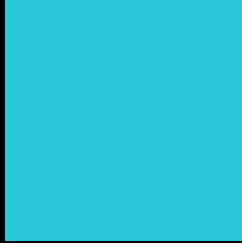
Large Text (above 18pt) WCAG AA × Fail

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 68.1568, -29.7992, -16.8229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

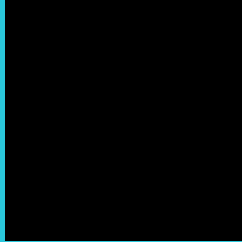
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

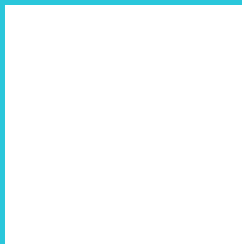
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.1568, -29.7992, -16.8229 Background



This preview shows how black text looks on a background with the HunterLab color 68.1568, -29.7992, -16.8229.



This preview shows how white text looks on a background with the HunterLab color 68.1568,

-29.7992, -16.8229.

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

68.1568, -29.7992, -16.8229

Protanopia

67.7334, 0.1727, -8.8178

Deuteranopia

67.4881, 5.3049, -20.2758



Tritanopia

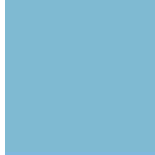
68.3217, -31.1295, -14.8232

Trichromacy



Original Color

68.1568, -29.7992, -16.8229



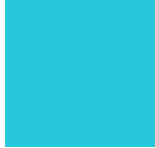
Protanomaly

66.5455, -14.6740, -13.5768



Deuteranomaly

66.3829, -11.0924, -21.0126



Tritanomaly

68.3737, -30.8517, -15.3329

Monochromacy



Original Color

68.1568, -29.7992, -16.8229



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

59.5605, -16.6579, -5.5189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1568, -29.7992, -16.8229 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(42, 199, 219)` looks like.

```
.text, #text, p{  
    color:rgb(42, 199, 219)  
}
```

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(42, 199, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 199, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1568, -29.7992, -16.8229 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(42, 199, 219) }
```


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

```
.border{ border-color:rgb(42, 199, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 199, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 199, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 199, 219);  
box-shadow:4px 4px 4px 4px rgb(42, 199,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1568, -29.7992, -16.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 199, 219) }
```

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

```
.background{ background-color: rgb(42, 199,  
219) }
```

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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