

Converting Colors

HunterLab(74.0726, -28.3453,
-16.8716)

Have a look what the booklet for
HunterLab(74.0726, -28.3453,
-16.8716) contains.

HunterLab(74.1342, -28.2677, -17.0690)	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(74.1342,
-28.2677, -17.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	55D4EA
RGB	85, 212, 234
RGB Percent	33%, 83%, 92%
CMY	0.6666, 0.1686, 0.0823
CMYK	0.64, 0.09, 0.00, 0.08
HSL	189°, 78%, 63%
HSV	189°, 64%, 92%
XYZ	42.1411, 54.9588, 86.2289
YIQ	176.5350, -82.7540, -20.0820

Conversions

Conversions Part 2

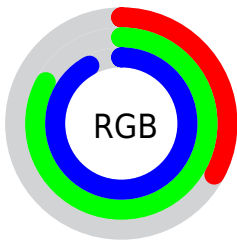
Format	Color
R _Y B	85, 154, 234
Decimal	5625066
CIE Lab	79.02, -28.29, -21.21
CIE LCh	79, 35.363, 216.861
Yxy	54.9608, 0.2299, 0.2998
Android (android.graphics.Color)	4283815146 (0xFF55D4EA)
YUV	176.5350, 28.3302, -80.2762
Hunter-Lab	74.1342, -28.2677, -17.0690

Details

The HunterLab color **74.1342, -28.2677, -17.0690** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **53.5401, 42.4317, 24.2147**, and the grayscale version is **66.0254, -3.5230, 3.5873**.

A 20% lighter version of the original color is **92.2657, -33.3838, -4.5258**, and **52.2765, -22.8760, -15.9583** is the 20% darker color. If you saturate the color by 10%, you get **72.3406, -29.1218, -19.7335**, and if you desaturate by 10%, it is **76.1505, -26.6026, -14.1499**.

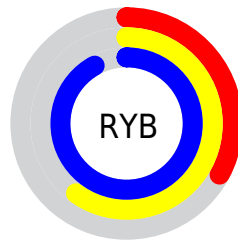
Distribution



Red (33%)

Green (83%)

Blue (92%)



Red (33%)

Yellow (60%)

Blue (92%)

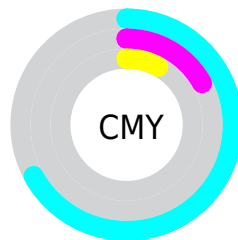


Cyan (64%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (67%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.1342, -28.2677, -17.0690 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 74.1342, -28.2677, -17.0690 by changing the saturation by 10% instead.

■ 74.1342, -28.2677,
-17.0690

■ 74.1342, -28.2677,
-17.0690

201.4357,
-45.8586, -16.7422

■ 62.7458, -26.1542,
-16.8388

■ 98.7338, -32.3478,
-17.3470

■ 52.0077, -23.9724,
-16.5464

■ 111.8859,
-34.3342, -17.4032

■ 41.9634, -21.7008,
-16.1891

■ 125.5752,
-36.2945, -17.4079

■ 32.6647, -19.3080,
-15.7689

■ 139.7813,
-38.2340, -17.3635

■ 24.1770, -16.7451,
-15.2974

154.4860,
-40.1569, -17.2727

■ 16.5868, -13.9299,
-14.8139

169.6730,

■ 10.0164, -12.9261,

-42.0668, -17.1375

-14.4556

185.3274,
-43.9666, -16.9601

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.1342, -28.2677,
-17.0690

■ 74.1342, -28.2677,
-17.0690

■ 72.3406, -29.1218,
-19.7335

■ 76.1505, -26.6026,
-14.1499

■ 70.7559, -29.1887,
-22.1402

■ 78.3890, -24.1313,
-10.9964

■ 69.3629, -28.5330,
-24.2970


■ 80.8505, -20.8813,
-7.6303


■ 68.5535, -27.8483,
-25.5694


■ 83.5310, -16.8951,
-4.0770


■ 86.4239, -12.2252,

-0.3631

 89.5213, -6.9297,
3.4859

 92.8140, -1.0678,
7.4464

 94.5043, -0.7799,
9.3824

 95.5825, -2.6099,
10.5657

Harmonies

Analogous

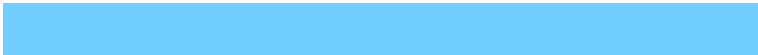
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1356, -33.6131, 0.2367



74.1342, -28.2677, -17.0690



74.1356, -16.3332, -30.4956

Triad

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



74.1356, -28.2678, -17.0678



74.1356, 28.4416, -9.2061



74.1356, -7.8117, 28.6829

Complementary

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



74.1342, -28.2677, -17.0690



53.5401, 42.4317, 24.2147

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.



74.1356, 9.2827, 27.2523



74.1342, -28.2677, -17.0690



74.1356, 31.2398, 7.6431

Square

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



74.1356, -28.2678, -17.0678



74.1356, 16.6143, -25.2912



74.1356, 23.9502, 20.3237



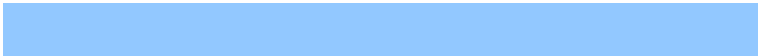
74.1356, -22.5090, 24.7965

Rectangle

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



74.1342, -28.2677, -17.0690



74.1356, -5.7354, -34.0604



74.1356, 23.9502, 20.3237



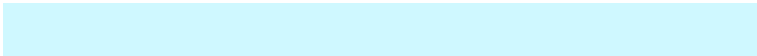
74.1356, -2.1671, 28.7910

Sweetspot

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



74.1356, -28.2678, -17.0678



93.5207, -16.3562, -2.6385



78.6101, -56.4726, 37.3961



42.8486, -8.2340, -1.7611

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.1356, -28.2678, -17.0678



79.2600, -32.2079, -22.4950



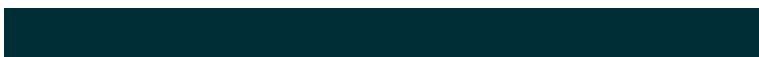
51.5007, 6.6578, -57.7654



40.8910, -4.6959, 0.5782



51.5314, -21.0614, -18.9443



14.7932, -6.3592, -4.7625

Inverse Universe

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



53.6140, 69.5314, -34.6299



54.8918, 88.3193, -42.6469



71.0898, 5.5741, 36.7335



39.0811, 2.9223, -0.7350



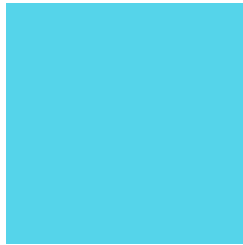
34.8906, 66.4684, -29.5249



9.8302, 18.8127, -8.9818

Previews

White Background



This preview shows how the HunterLab color 74.1342, -28.2677, -17.0690 looks on a white background.

Color Contrast Check

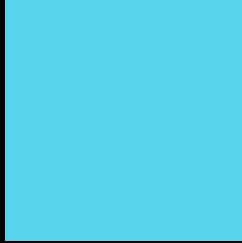
Large Text (above 18pt) WCAG AA × Fail

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 74.1342, -28.2677, -17.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

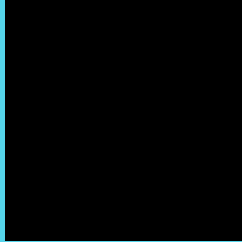
Any Text WCAG AA ✓ Pass

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 74.1342, -28.2677, -17.0690 Background



This preview shows how black text looks on a background with the HunterLab color 74.1342, -28.2677, -17.0690.



This preview shows how white text looks on a background with the HunterLab color 74.1342,

-28.2677, -17.0690.

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

74.1342, -28.2677, -17.0690

Protanopia

73.6936, 0.2752, -9.6218

Deuteranopia

73.5767, 5.8359, -20.3651



Tritanopia

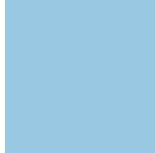
74.2568, -29.8435, -14.5398

Trichromacy



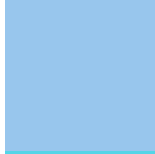
Original Color

74.1342, -28.2677, -17.0690



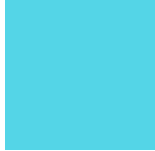
Protanomaly

73.1266, -12.4386, -13.4948



Deuteranomaly

72.9232, -9.0721, -20.3658



Tritanomaly

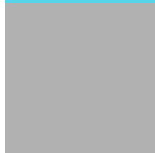
74.3255, -29.5047, -15.0252

Monochromacy



Original Color

74.1342, -28.2677, -17.0690



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

68.4349, -15.1465, -4.3826

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.1342, -28.2677, -17.0690 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(85, 212, 234)` looks like.

```
.text, #text, p{  
    color:rgb(85, 212, 234)  
}
```

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(85, 212, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 212, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 74.1342, -28.2677, -17.0690 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(85, 212, 234) }
```


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

```
.border{ border-color:rgb(85, 212, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 212, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 212, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 212, 234);  
box-shadow:4px 4px 4px 4px rgb(85, 212,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.1342, -28.2677, -17.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 212, 234) }
```

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

```
.background{ background-color: rgb(85, 212,  
234) }
```

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