

# Converting Colors

HunterLab(71.2171, -27.5779,  
0.9663)

Have a look what the booklet for  
HunterLab(71.2171, -27.5779,  
0.9663) contains.

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# Color

**HunterLab(71.3669,  
-27.8428, 1.0865)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76CCC2
RGB	118, 204, 194
RGB Percent	46%, 80%, 76%
CMY	0.5372, 0.2000, 0.2392
CMYK	0.42, 0.00, 0.05, 0.20
HSL	173°, 46%, 63%
HSV	173°, 42%, 80%
XYZ	38.8017, 50.9323, 58.8248
YIQ	177.1460, -48.0460, -21.3420

# Conversions

## Conversions Part 2

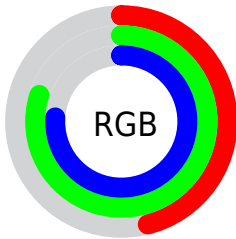
Format	Color
<b>RYB</b>	118, 164, 204
Decimal	7785666
CIELab	76.64, -28.39, -3.17
CIELCh	77, 28.564, 186.370
Yxy	50.9344, 0.2612, 0.3428
Android (android.graphics.Color)	4285975746 (0xFF76CCC2)
YUV	177.1460, 8.3090, -51.8710
Hunter-Lab	71.3669, -27.8428, 1.0865

# Details

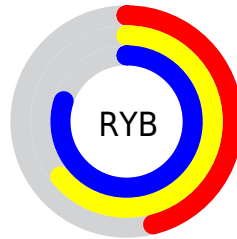
The HunterLab color  $71.3669, -27.8428, 1.0865$  is a light color, and the websafe version is hex  $66CCCC$ . A complement of this color would be  $52.3013, 28.8748, 9.5802$ , and the grayscale version is  $66.3497, -3.5403, 3.6049$ .

A 20% lighter version of the original color is  $93.4991, -29.0868, -0.2472$ , and  $49.4090, -23.3602, 0.2639$  is the 20% darker color. If you saturate the color by 10%, you get  $70.3928, -31.7440, 0.9978$ , and if you desaturate by 10%, it is  $72.5450, -23.2461, 1.4299$ .

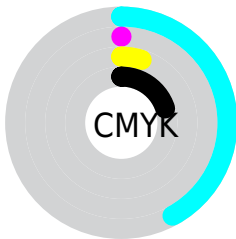
# Distribution



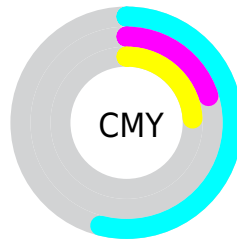
- Red (46%)
- Green (80%)
- Blue (76%)



- Red (46%)
- Yellow (64%)
- Blue (80%)



- Cyan (42%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)




- Cyan (54%)
- Magenta (20%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.3669, -27.8428, 1.0865 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 71.3669, -27.8428, 1.0865 by changing the saturation by 10% instead.





 71.3669, -27.8428,  
1.0865


 71.3669, -27.8428,  
1.0865


197.5623,  
-45.5198, 6.8642


 60.1302, -25.7099,  
0.6247


 95.6858, -31.9537,  
2.1347

 49.5530, -23.5032,  
0.2068


 108.7069,  
-33.9517, 2.7142

 39.6810, -21.1999,  
-0.1620


 122.2703,  
-35.9220, 3.3282

 30.5687, -18.7650,  
-0.4764

136.3551,  
-37.8700, 3.9751

 22.2857, -16.1434,  
-0.7289

150.9428,  
-39.8005, 4.6533

 14.9253, -13.2406,  
-0.9089

166.0164,

 8.5732, -14.8863,

-41.7170, 5.3617

-1.0736

181.5609,  
-43.6226, 6.0990

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.3669, -27.8428,  
1.0865

■ 71.3669, -27.8428,  
1.0865

■ 70.3928, -31.7440,  
0.9978

■ 72.5450, -23.2461,  
1.4299

■ 69.6125, -34.9370,  
1.1538

■ 73.9257, -17.9794,  
2.0260

■ 69.0177, -37.4324,  
1.5418

■ 75.5104, -12.0845,  
2.8715

■ 68.5944, -39.2643,  
2.1407


■ 77.2967, -5.6122,  
3.9575

■ 68.3233, -40.4955,


■ 79.2803, 1.3813,


2.9218


5.2717

 68.1866, -41.1578,  
3.6206

 81.4552, 8.8370,  
6.7994

 83.1451, 14.5281,  
7.7242

 83.2170, 14.9055,  
6.6963

 83.2899, 15.2877,  
5.6550

# Harmonies

## Analogous

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



71.3683, -26.0916, 13.0993



71.3669, -27.8428, 1.0865



71.3683, -23.5526, -12.3826

# Triad

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



71.3683, -27.8435, 1.0875



71.3683, 12.2598, -19.0221



71.3683, 6.9049, 23.0229

# Complementary

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



71.3669, -27.8428, 1.0865



52.3013, 28.8748, 9.5802

# 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.



71.3683, 18.3392, 17.0432



71.3669, -27.8428, 1.0865



71.3683, 21.5881, -6.7501

# Square

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



71.3683, -27.8435, 1.0875



71.3683, -0.9059, -25.3056



71.3683, 23.8915, 6.5732



71.3683, -6.6720, 24.3430



# Rectangle

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



71.3669, -27.8428, 1.0865



71.3683, -17.6401, -19.9132



71.3683, 23.8915, 6.5732



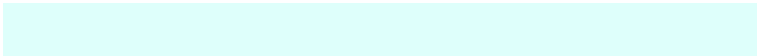
71.3683, 11.1566, 21.5535

# Sweetspot

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



71.3683, -27.8435, 1.0875



96.9536, -16.3549, 3.5706



70.0625, -36.5688, 28.0269



44.6365, -8.3743, 1.5300

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

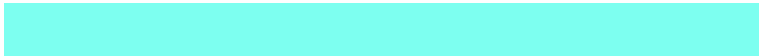


# Same Dimension

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



71.3683, -27.8435, 1.0875



90.6422, -40.6250, 1.2822



61.1158, -10.7420, -17.9512



35.6423, -4.8565, 1.4765



54.1033, -32.6023, 2.7546



12.3151, -7.2453, 0.2478



# Inverse Universe

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



52.3013, 28.8748, 9.5802



61.4900, 47.1363, 14.7638



60.2242, 10.8967, 20.4259



33.5180, 1.3327, 2.3640



28.5096, 48.9918, 17.1179

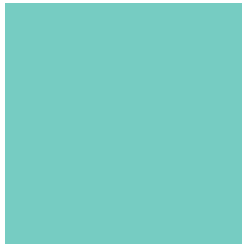


6.5314, 11.3344, 3.0634



# Previews

## White Background



This preview shows how the HunterLab color 71.3669, -27.8428, 1.0865 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

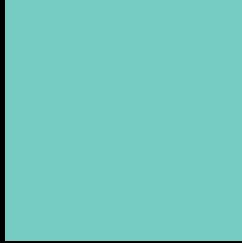
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.3669, -27.8428, 1.0865 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

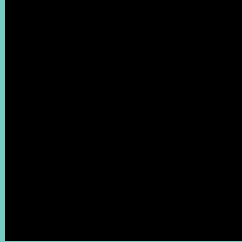
Any Text WCAG AA ✓ Pass

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 71.3669, -27.8428, 1.0865 Background



This preview shows how black text looks on a background with the HunterLab color 71.3669, -27.8428, 1.0865.



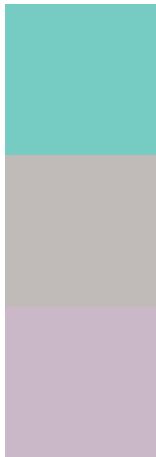
This preview shows how white text looks on a background with the HunterLab color 71.3669,

-27.8428, 1.0865.

# 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

71.3669, -27.8428, 1.0865

### Protanopia

70.8575, -2.6780, 5.6707

### Deuteranopia

71.0964, 5.1305, -1.1609



## Tritanopia

71.4620, -20.8409, -10.7947

# Trichromacy



## Original Color

71.3669, -27.8428, 1.0865

## Protanomaly

70.5479, -12.9802, 3.2594

## Deuteranomaly

70.6758, -8.7586, -0.9167

## Tritanomaly

71.4017, -23.3175, -6.5002

# Monochromacy



## Original Color

71.3669, -27.8428, 1.0865

## Achromatopsia

66.3066, -3.5380, 3.6026

## Achromatomaly

67.8435, -13.4107, 2.4186

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.3669, -27.8428, 1.0865 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(118, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(118, 204, 194)  
}
```

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(118, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 204, 194) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.3669, -27.8428, 1.0865 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(118, 204, 194) }
```



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

```
.border{ border-color:rgb(118, 204, 194) }
```

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

Here you see how a box with a 4 pixel rgb(118, 204, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(118, 204,  
194) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.3669, -27.8428, 1.0865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 204, 194) }
```

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

```
.background{ background-color: rgb(118,  
204, 194) }
```

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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