

# Converting Colors

HunterLab(77.6418, -29.8145,  
5.0066)

Have a look what the booklet for  
HunterLab(77.6418, -29.8145,  
5.0066) contains.

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# Color

**HunterLab(77.5334,  
-29.7175, 4.9993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88DBC9
RGB	136, 219, 201
RGB Percent	53%, 86%, 79%
CMY	0.4667, 0.1412, 0.2118
CMYK	0.38, 0.00, 0.08, 0.14
HSL	167°, 54%, 70%
HSV	167°, 38%, 86%
XYZ	46.0275, 60.1143, 64.4356
YIQ	192.1310, -43.6900, -23.1940

# Conversions

## Conversions Part 2

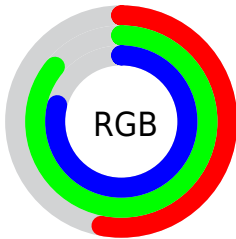
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 183, 219
Decimal	8969161
CIELab	81.90, -29.34, 0.88
CIELCh	82, 29.356, 178.280
Yxy	60.1167, 0.2698, 0.3524
Android (android.graphics.Color)	4287159241 (0xFF88DBC9)
YUV	192.1310, 4.3724, -49.2269
Hunter-Lab	77.5334, -29.7175, 4.9993

# Details

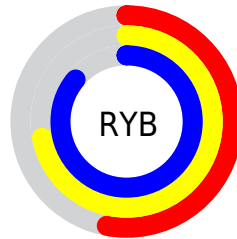
The HunterLab color  $77.5334, -29.7175, 4.9993$  is a light color, and the websafe version is hex  $66CCCC$ . A complement of this color would be  $59.1634, 28.7695, 6.3203$ , and the grayscale version is  $72.6549, -3.8767, 3.9475$ .

A 20% lighter version of the original color is  $94.8401, -23.7797, -1.1210$ , and  $55.1424, -25.4931, 3.8522$  is the 20% darker color. If you saturate the color by 10%, you get  $76.3193, -34.6770, 5.7323$ , and if you desaturate by 10%, it is  $78.9738, -24.0064, 4.5232$ .

# Distribution



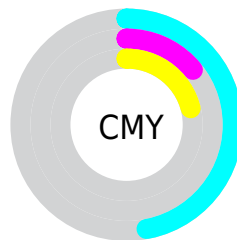
- Red (53%)
- Green (86%)
- Blue (79%)



- Red (53%)
- Yellow (72%)
- Blue (86%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)




- Cyan (47%)
- Magenta (14%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.5334, -29.7175, 4.9993 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 77.5334, -29.7175, 4.9993 by changing the saturation by 10% instead.





 77.5334, -29.7175,  
4.9993


 77.5334, -29.7175,  
4.9993


206.1620,  
-47.6671, 12.3051

 65.9642, -27.5633,  
4.3292


 102.4690,  
-33.8815, 6.4343

 55.0342, -25.3409,  
3.6904


 115.7782,  
-35.9090, 7.1946

 44.7850, -23.0306,  
3.0858


 129.6185,  
-37.9098, 7.9825

 35.2654, -20.6030,  
2.5172

143.9701,  
-39.8891, 8.7969

 26.5361, -18.0134,  
1.9870

158.8154,  
-41.8514, 9.6372

 18.6766, -15.1884,  
1.4979

174.1387,

 11.7966, -12.5335,

-43.7999, 10.5024

1.0530

189.9253,  
-45.7377, 11.3919

■ 4.5882, -8.0294,  
1.0459

0.0000, NaN, NaN

■ 77.5334, -29.7175,  
4.9993

■ 77.5334, -29.7175,  
4.9993

■ 76.3193, -34.6770,  
5.7323

■ 78.9738, -24.0064,  
4.5232

■ 75.3223, -38.8565,  
6.7061

■ 80.6369, -17.5836,  
4.3074

■ 74.5357, -42.2522,  
7.9023

■ 82.5225, -10.5050,  
4.3537

■ 73.9464, -44.8853,  
9.2948

■ 84.6266, -2.8334,  
4.6579

■ 73.5362, -46.8072,  
10.8505

■ 86.9432, 5.3644,  
5.2115

■ 73.2753, -48.1237,  
12.5242

■ 88.0967, 9.5171,  
4.3144

■ 73.2288, -48.3657,  
12.8781

■ 88.2497, 10.3298,  
2.1347

■ 88.4066, 11.1617,  
-0.0962

■ 88.5673, 12.0127,  
-2.3784

# Harmonies

## Analogous

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



77.5350, -26.1392, 16.7341



77.5334, -29.7175, 4.9993



77.5350, -26.8671, -9.2001

# Triad

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



77.5350, -29.7184, 5.0003



77.5350, 9.2990, -22.4805



77.5350, 10.8274, 23.3108

# Complementary

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



77.5334, -29.7175, 4.9993



59.1634, 28.7695, 6.3203

# 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.



77.5350, 21.5469, 15.6020



77.5334, -29.7175, 4.9993



77.5350, 20.6205, -10.8043

# Square

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



77.5350, -29.7184, 5.0003



77.5350, -4.9636, -26.6843



77.5350, 25.2522, 3.4324



77.5350, -3.3154, 26.0495



# Rectangle

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



77.5334, -29.7175, 4.9993



77.5350, -21.5785, -17.9123



77.5350, 25.2522, 3.4324



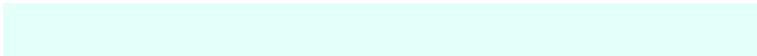
77.5350, 14.9878, 21.2924

# Sweetspot

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



77.5350, -29.7184, 5.0003



97.3022, -15.2485, 5.1215



77.1025, -34.5343, 28.9934



44.8728, -7.5921, 2.3637

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

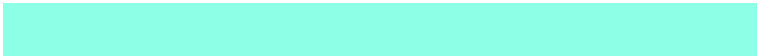


# Same Dimension

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



77.5350, -29.7184, 5.0003



91.0146, -39.8058, 6.5642



70.8681, -16.0211, -12.6830



38.4431, -5.4384, 2.0244



56.4025, -37.1516, 9.7015



14.3987, -9.1971, 1.8569



# Inverse Universe

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



59.1634, 28.7695, 6.3203



65.4301, 42.2508, 8.7407



64.2952, 14.9385, 18.3996



36.1905, 1.6294, 2.1320



30.1120, 52.0242, 15.9198

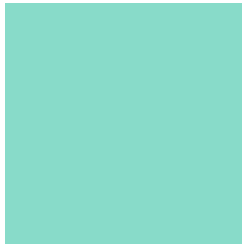


7.7482, 13.5505, 2.8240



# Previews

## White Background



This preview shows how the HunterLab color 77.5334, -29.7175, 4.9993 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

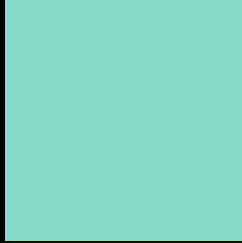
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.5334, -29.7175, 4.9993 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

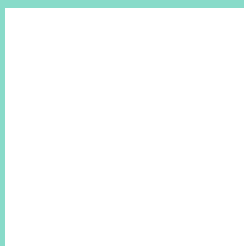
Any Text WCAG AAA ✓ Pass

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

## HunterLab 77.5334, -29.7175, 4.9993 Background



This preview shows how black text looks on a background with the HunterLab color 77.5334, -29.7175, 4.9993.



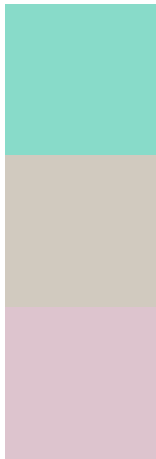
This preview shows how white text looks on a background with the HunterLab color 77.5334,

-29.7175, 4.9993.

# 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**

77.5334, -29.7175, 4.9993

**Protanopia**

77.1738, -3.6340, 9.6225

**Deuteranopia**

77.0118, 5.9197, 2.6026



## Tritanopia

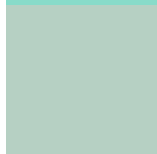
77.3619, -19.7542, -11.1856

# Trichromacy



## Original Color

77.5334, -29.7175, 4.9993



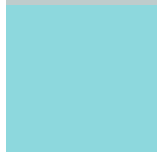
## Protanomaly

76.8095, -14.2749, 7.2262



## Deuteranomaly

76.4804, -8.4452, 2.6926



## Tritanomaly

77.4564, -23.5684, -5.0471

# Monochromacy



## Original Color

77.5334, -29.7175, 4.9993



## Achromatopsia

72.6027, -3.8739, 3.9446



## Achromatomaly

74.1295, -14.1834, 4.1356

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.5334, -29.7175, 4.9993 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(136, 219, 201)` looks like.

```
.text, #text, p{  
    color:rgb(136, 219, 201)  
}
```

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(136, 219, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 219, 201) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.5334, -29.7175, 4.9993 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(136, 219, 201) }
```



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

```
.border{ border-color:rgb(136, 219, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 219, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 219, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 219, 201);  
box-shadow:4px 4px 4px 4px rgb(136, 219,  
201) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.5334, -29.7175, 4.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 219, 201) }
```

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

```
.background{ background-color: rgb(136,  
219, 201) }
```

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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