

# Converting Colors

HunterLab(80.4715, -35.7029,  
6.4796)

Have a look what the booklet for  
HunterLab(80.4715, -35.7029,  
6.4796) contains.

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# Color

**HunterLab(80.4559,  
-35.7447, 6.3877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CE5CD
RGB	124, 229, 205
RGB Percent	49%, 90%, 80%
CMY	0.5137, 0.1019, 0.1961
CMYK	0.46, 0.00, 0.10, 0.10
HSL	166°, 67%, 69%
HSV	166°, 46%, 90%
XYZ	47.3509, 64.7315, 67.7564
YIQ	194.8690, -54.8760, -29.7240

# Conversions

## Conversions Part 2

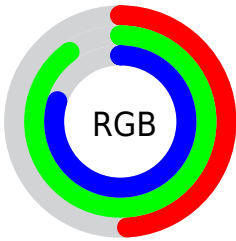
Format	Color
<a href="#">RYB</a>	<a href="#">124, 183, 229</a>
Decimal	<a href="#">8185293</a>
CIELab	<a href="#">84.35, -36.15, 2.26</a>
CIELCh	<a href="#">84, 36.224, 176.423</a>
Yxy	<a href="#">64.7341, 0.2633, 0.3599</a>
Android (android.graphics.Color)	<a href="#">4286375373 (0xFF7CE5CD)</a>
YUV	<a href="#">194.8690, 4.9946, -62.1521</a>
Hunter-Lab	<a href="#">80.4559, -35.7447, 6.3877</a>

# Details

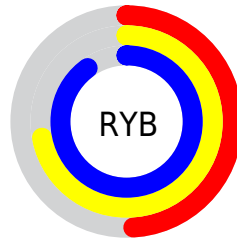
The HunterLab color **80.4559, -35.7447, 6.3877** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57.6309, 38.1164, 7.3531**, and the grayscale version is **73.8153, -3.9386, 4.0105**.

A 20% lighter version of the original color is **94.1728, -26.2421, -1.9945**, and **57.6588, -30.5989, 4.8869** is the 20% darker color. If you saturate the color by 10%, you get **79.3554, -40.3563, 7.4718**, and if you desaturate by 10%, it is **81.7924, -30.3130, 5.5591**.

# Distribution



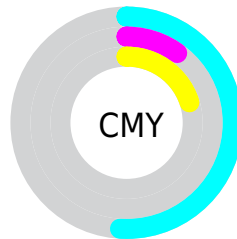
- Red (49%)
- Green (90%)
- Blue (80%)



- Red (49%)
- Yellow (72%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)




- Cyan (51%)
- Magenta (10%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4559, -35.7447, 6.3877 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 80.4559, -35.7447, 6.3877 by changing the saturation by 10% instead.





 80.4559, -35.7447,  
6.3877


 80.4559, -35.7447,  
6.3877


210.1989,  
-56.3237, 14.2261


 68.7354, -33.2285,  
5.6451


 105.6728,  
-40.5781, 7.9572

 57.6453, -30.6218,  
4.9298


 119.1138,  
-42.9177, 8.7805

 47.2255, -27.9007,  
4.2435


 133.0808,  
-45.2179, 9.6290

 37.5225, -25.0302,  
3.5870

147.5547,  
-47.4855, 10.5019

 28.5935, -21.9580,  
2.9611

162.5183,  
-49.7257, 11.3986

 20.5127, -18.6008,  
2.3659

177.9561,

 13.3806, -15.0517,

-51.9431, 12.3186

1.8001

193.8540,  
-54.1414, 13.2612

■ 6.9368, -12.1393,  
1.7282

0.0000, NaN, NaN

■ 80.4559, -35.7447,  
6.3877

■ 80.4559, -35.7447,  
6.3877

■ 79.3554, -40.3563,  
7.4718

■ 81.7924, -30.3130,  
5.5591

■ 78.4781, -44.1350,  
8.7883


■ 83.3641, -24.0905,  
4.9964


■ 77.8131, -47.0979,  
10.3109


■ 85.1730, -17.1271,  
4.7073


■ 77.3419, -49.2926,  
12.0054


■ 87.2167, -9.4836,  
4.6925

 77.0389, -50.8064,  
13.8296


 89.4903, -1.2284,  
4.9475

 76.9425, -51.3135,  
14.5997

 91.3132, 5.3064,  
4.6294

 91.4825, 6.2143,  
2.2170

 91.6564, 7.1450,  
-0.2562

 91.8349, 8.0987,  
-2.7901

# Harmonies

## Analogous

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



80.4575, -30.9237, 20.4145



80.4559, -35.7447, 6.3877



80.4575, -32.7650, -11.5330

# Triad

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



80.4575, -35.7455, 6.3887



80.4575, 11.5401, -30.6583



80.4575, 15.5629, 27.0951

# Complementary

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



80.4559, -35.7447, 6.3877



57.6309, 38.1164, 7.3531

# 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.



80.4575, 28.7775, 17.5868



80.4559, -35.7447, 6.3877



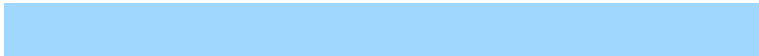
80.4575, 26.3165, -15.8343

# Square

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



80.4575, -35.7455, 6.3887



80.4575, -6.4261, -35.4605



80.4575, 32.8732, 2.3171



80.4575, -2.1462, 30.6109



# Rectangle

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



80.4559, -35.7447, 6.3877



80.4575, -26.6004, -23.0219



80.4575, 32.8732, 2.3171



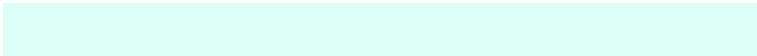
80.4575, 20.7355, 24.6110

# Sweetspot

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



80.4575, -35.7455, 6.3887



96.6086, -17.8754, 5.2924



79.8994, -41.6085, 34.3542



44.4751, -9.1050, 2.4636

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.4575, -35.7455, 6.3887



89.7064, -45.3400, 8.3698



71.9151, -18.2684, -17.1236



40.3448, -5.7464, 2.1777



58.1948, -38.6991, 10.8019



15.8632, -10.2549, 2.3097



# Inverse Universe

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



57.6309, 38.1164, 7.3531



59.6365, 53.0563, 10.3109



63.6959, 20.7527, 21.8616



37.9759, 1.7502, 2.1858



31.1175, 53.7997, 16.1533

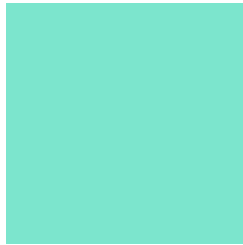


8.5412, 14.9281, 3.1853



# Previews

## White Background



This preview shows how the HunterLab color 80.4559, -35.7447, 6.3877 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

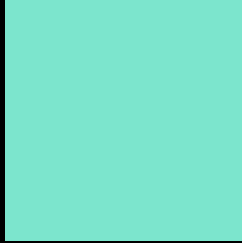
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.4559, -35.7447, 6.3877 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

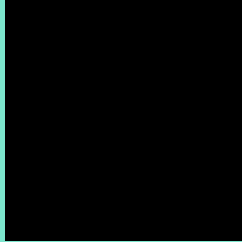
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

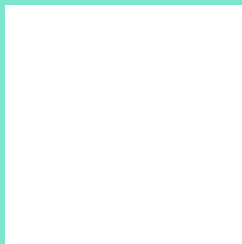
Any Text WCAG AAA ✓ Pass

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

## HunterLab 80.4559, -35.7447, 6.3877 Background



This preview shows how black text looks on a background with the HunterLab color 80.4559, -35.7447, 6.3877.



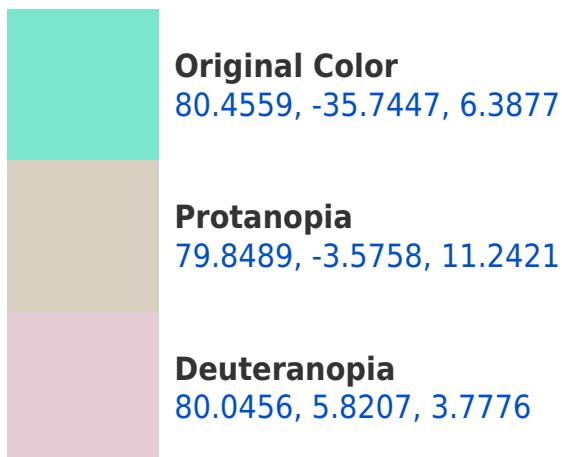
This preview shows how white text looks on a background with the HunterLab color 80.4559,

-35.7447, 6.3877.

# 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





## Tritanopia

80.4925, -24.4066, -12.7050

# Trichromacy



## Original Color

80.4559, -35.7447, 6.3877



## Protanomaly

79.5338, -17.3679, 8.8768



## Deuteranomaly

79.2255, -11.2610, 3.4783



## Tritanomaly

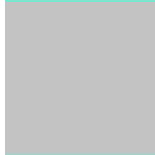
80.4958, -28.7834, -5.5031

# Monochromacy



## Original Color

80.4559, -35.7447, 6.3877



## Achromatopsia

73.8732, -3.9417, 4.0137



## Achromatomaly

75.6202, -16.7101, 3.9399

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.4559, -35.7447, 6.3877 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(124, 229, 205)` looks like.

```
.text, #text, p{  
    color:rgb(124, 229, 205)  
}
```

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(124, 229, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 229, 205) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.4559, -35.7447, 6.3877 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(124, 229, 205) }
```



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

```
.border{ border-color:rgb(124, 229, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 229, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 229, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 229, 205);  
box-shadow:4px 4px 4px 4px rgb(124, 229,  
205) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.4559, -35.7447, 6.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 229, 205) }
```

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

```
.background{ background-color: rgb(124,  
229, 205) }
```

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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