

# Converting Colors

HunterLab(81.7295, -5.8745,  
8.3587)

Have a look what the booklet for  
HunterLab(81.7295, -5.8745, 8.3587)  
contains.

<b>HunterLab(81.7295, -5.8745, 8.3587)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(81.7295, -5.8745,  
8.3587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D6CD
RGB	214, 214, 205
RGB Percent	84%, 84%, 80%
CMY	0.1608, 0.1608, 0.1961
CMYK	0.00, 0.00, 0.04, 0.16
HSL	60°, 10%, 82%
HSV	60°, 4%, 84%
XYZ	62.7976, 66.7971, 67.3410
YIQ	212.9740, 2.8890, -2.7990

# Conversions

## Conversions Part 2

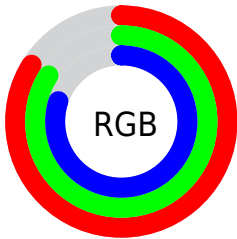
Format	Color
R <sub>Y</sub> B	205, 214, 205
Decimal	14079693
CIE Lab	85.40, -1.59, 4.43
CIE LCh	85, 4.709, 109.780
Yxy	66.8000, 0.3189, 0.3392
Android (android.graphics.Color)	4292269773 (0xFFD6D6CD)
YUV	212.9740, -3.9312, 0.8998
Hunter-Lab	81.7295, -5.8745, 8.3587

# Details

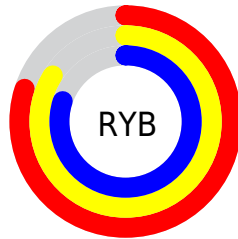
The HunterLab color  $81.7295, -5.8745, 8.3587$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $78.4211, -2.6049, 0.1760$ , and the grayscale version is  $81.5772, -4.3528, 4.4322$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $58.6528, -4.3973, 6.4684$  is the 20% darker color. If you saturate the color by 10%, you get  $81.1386, -9.1447, 16.8606$ , and if you desaturate by 10%, it is  $82.4055, -2.1874, -1.2372$ .

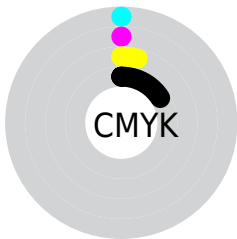
# Distribution



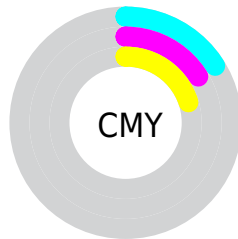
- Red (84%)
- Green (84%)
- Blue (80%)



- Red (80%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.7295, -5.8745, 8.3587 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 81.7295, -5.8745, 8.3587 by changing the saturation by 10% instead.



■ 81.7295, -5.8745,  
8.3587

■ 81.7295, -5.8745,  
8.3587

211.9511,  
-13.4002, 16.9753

■ 69.9443, -5.1699,  
7.5101

107.0672, -7.3730,  
10.1254

■ 58.7858, -4.4925,  
6.6821

120.5647, -8.1611,  
11.0409

■ 48.2932, -3.8455,  
5.8756

134.5861, -8.9747,  
11.9779

■ 38.5120, -3.2301,  
5.0894

149.1125, -9.8130,  
12.9361

■ 29.4981, -2.6476,  
4.3216

164.1269,  
-10.6753, 13.9152

■ 21.3235, -2.0994,  
3.5684

179.6140,

■ 14.0853, -1.5864,

-11.5610, 14.9150

2.8216

195.5596,  
-12.4695, 15.9352

■ 7.7339, -1.3109,  
2.7960

0.0000, NaN, NaN

■ 81.7295, -5.8745,  
8.3587

■ 81.7295, -5.8745,  
8.3587

■ 81.1386, -9.1447,  
16.8606

■ 82.4055, -2.1874,  
-1.2372

■ 80.6257, -11.9923,  
24.2656

■ 83.1625, 1.9190,  
-11.9218

■ 80.1904, -14.4236,  
30.5866

■ 83.4365, 3.3946,  
-15.7557

■ 79.8298, -16.4477,  
35.8469

■ 83.4373, 3.3975,  
-15.7545

■ 79.5405, -18.0783,  
40.0828

■ 83.4382, 3.4004,  
-15.7532

■ 79.3182, -19.3346,  
43.3441

■ 83.4390, 3.4033,  
-15.7519

■ 79.1580, -20.2418,  
45.6965

■ 83.4399, 3.4062,  
-15.7507

■ 79.0538, -20.8323,  
47.2243

■ 83.4407, 3.4091,  
-15.7494

■ 78.9980, -21.1481,  
48.0373

■ 83.4416, 3.4120,  
-15.7481

# Harmonies

## Analogous

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



81.7313, -3.5686, 8.5344



81.7295, -5.8745, 8.3587



81.7313, -7.7595, 7.1543

# Triad

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



81.7313, -5.8765, 8.3599



81.7313, -7.2393, 1.1260



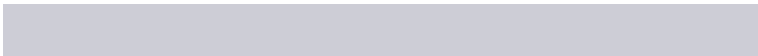
81.7313, 0.0923, 3.6887

# Complementary

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



81.7295, -5.8745, 8.3587



78.4211, -2.6049, 0.1760

# 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.



81.7313, -0.9149, 1.6477



81.7295, -5.8745, 8.3587



81.7313, -5.1591, 0.1408

# Square

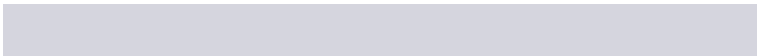
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7313, -5.8765, 8.3599



81.7313, -8.5402, 2.9929



81.7313, -2.8431, 0.3344



81.7313, -0.1050, 5.8785



# Rectangle

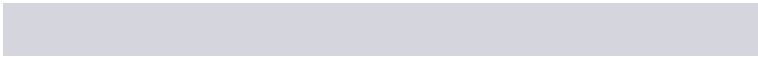
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7295, -5.8745, 8.3587



81.7313, -8.5286, 5.9088



81.7313, -2.8431, 0.3344



81.7313, -0.1171, 2.9615

# Sweetspot

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



81.7313, -5.8765, 8.3599



99.9183, -5.7834, 6.5977



78.9735, -1.2677, 5.2782



46.2286, -2.6655, 3.0259

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

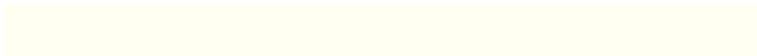


# Same Dimension

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



81.7313, -5.8765, 8.3599



99.6016, -7.5217, 11.1196



81.3219, -7.3117, 7.8717



38.2116, -2.9838, 4.5198



61.4018, -16.5195, 37.5463

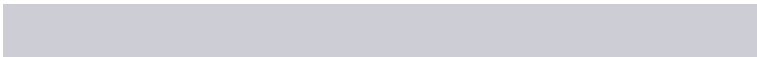


15.0801, -4.0559, 9.2213



# Inverse Universe

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



78.4211, -2.6049, 0.1760



94.7606, -2.7363, -0.8512



78.8337, -1.1816, 0.7070



36.1330, -0.9287, -0.6212



17.1320, 46.4676, -121.7078

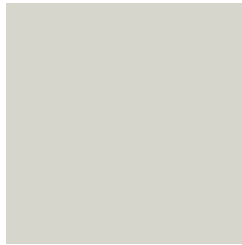


4.2086, 11.4129, -29.8810



# Previews

## White Background



This preview shows how the HunterLab color 81.7295, -5.8745, 8.3587 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

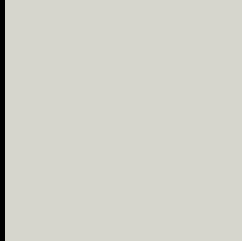
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.7295, -5.8745, 8.3587 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

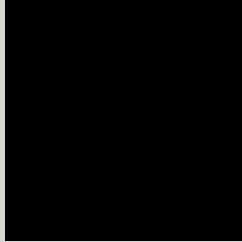
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

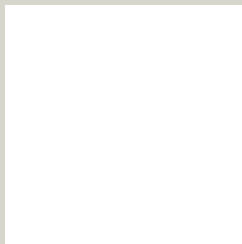
Any Text WCAG AAA ✓ Pass

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

# HunterLab 81.7295, -5.8745, 8.3587 Background



This preview shows how black text looks on a background with the HunterLab color 81.7295, -5.8745, 8.3587.



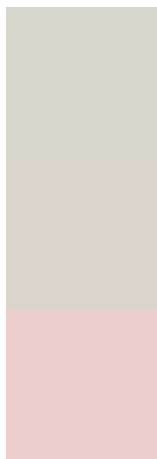
This preview shows how white text looks on a background with the HunterLab color 81.7295, -5.8745, 8.3587.



# 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

81.7295, -5.8745, 8.3587

### Protanopia

81.5516, -3.3853, 8.6599

### Deuteranopia

81.5356, 6.0180, 7.4214



## Tritanopia

81.7840, 0.4362, -2.2823

# Trichromacy



## Original Color

81.7295, -5.8745, 8.3587

## Protanomaly

81.6700, -4.5535, 8.7726

## Deuteranomaly

81.5789, 1.5092, 7.8564

## Tritanomaly

81.7315, -1.8389, 1.7140

# Monochromacy



## Original Color

81.7295, -5.8745, 8.3587

## Achromatopsia

81.5713, -4.3524, 4.4319

## Achromatomaly

81.4787, -4.8599, 5.7534

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.7295, -5.8745, 8.3587 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(214, 214, 205)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 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(214, 214, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 205) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.7295, -5.8745, 8.3587 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(214, 214, 205) }
```



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

```
.border{ border-color:rgb(214, 214, 205) }
```

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

Here you see how a box with a 4 pixel rgb(214, 214, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
205) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.7295, -5.8745, 8.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 205) }
```

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

```
.background{ background-color: rgb(214,  
214, 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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