

# Converting Colors

HunterLab(82.9459, -12.2523,  
7.9565)

Have a look what the booklet for  
HunterLab(82.9459, -12.2523,  
7.9565) contains.

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# Color

**HunterLab(83.0740,  
-12.1744, 7.9251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBDDD1
RGB	203, 221, 209
RGB Percent	80%, 87%, 82%
CMY	0.2039, 0.1333, 0.1804
CMYK	0.08, 0.00, 0.05, 0.13
HSL	140°, 21%, 83%
HSV	140°, 8%, 87%
XYZ	61.9937, 69.0129, 70.3750
YIQ	214.2500, -6.8760, -7.5480

# Conversions

## Conversions Part 2

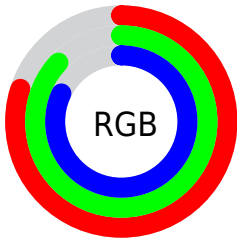
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 217, 221
Decimal	13360593
CIE <sub>Lab</sub>	86.51, -8.24, 3.82
CIE <sub>LCh</sub>	87, 9.083, 155.118
Yxy	69.0158, 0.3078, 0.3427
Android (android.graphics.Color)	4291550673 (0xFFCBDDD1)
YUV	214.2500, -2.5882, -9.8663
Hunter-Lab	83.0740, -12.1744, 7.9251

# Details

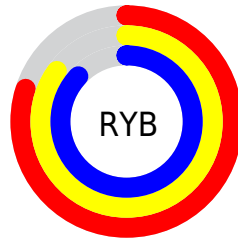
The HunterLab color  $83.0740, -12.1744, 7.9251$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $79.3676, 3.7919, 0.9432$ , and the grayscale version is  $82.1251, -4.3820, 4.4620$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $60.0238, -10.0369, 6.1794$  is the 20% darker color. If you saturate the color by 10%, you get  $80.8915, -20.9481, 11.9538$ , and if you desaturate by 10%, it is  $85.5027, -2.7427, 3.8668$ .

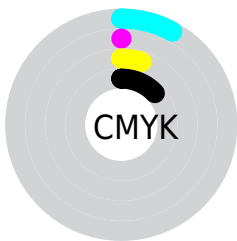
# Distribution



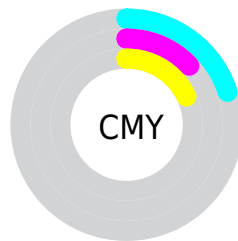
- Red (80%)
- Green (87%)
- Blue (82%)



- Red (80%)
- Yellow (85%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0740, -12.1744, 7.9251 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 83.0740, -12.1744, 7.9251 by changing the saturation by 10% instead.



■ 83.0740, -12.1744,  
7.9251

■ 83.0740, -12.1744,  
7.9251

213.7959,  
-22.1178, 16.3503

■ 71.2212, -11.1410,  
7.1031

108.5376,  
-14.2834, 9.6428

■ 59.9912, -10.1158,  
6.3036

122.0943,  
-15.3575, 10.5355

■ 49.4227, -9.0982,  
5.5276

136.1726,  
-16.4461, 11.4507

■ 39.5601, -8.0841,  
4.7749

150.7539,  
-17.5496, 12.3880

■ 30.4579, -7.0674,  
4.0442

165.8215,  
-18.6685, 13.3470

■ 22.1860, -6.0379,  
3.3332

181.3600,

■ 14.8380, -4.9772,

-19.8027, 14.3273

2.6364

197.3557,  
-20.9524, 15.3285

■ 8.4906, -4.6823,  
2.3280

0.0000, NaN, NaN

■ 83.0740, -12.1744,  
7.9251

■ 83.0740, -12.1744,  
7.9251

■ 80.8915, -20.9481,  
11.9538

■ 85.5027, -2.7427,  
3.8668

■ 78.9572, -28.9667,  
15.9091

■ 88.1631, 7.2600,  
-0.1900

■ 77.2773, -36.1463,  
19.7481

■ 89.4878, 12.6663,  
-6.3206

■ 75.8533, -42.4138,  
23.4242

■ 89.5520, 13.0054,  
-7.2281

■ 74.6827, -47.7159,  
26.8908

■ 73.7584, -52.0258,  
30.1035

■ 73.0677, -55.3501,  
33.0223

■ 72.5915, -57.7355,  
35.6136

■ 72.2974, -59.2979,  
37.8461

# Harmonies

## Analogous

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



83.0758, -9.3784, 11.0051



83.0740, -12.1744, 7.9251



83.0758, -12.9184, 3.7811

# Triad

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



83.0758, -12.1762, 7.9263



83.0758, -3.6604, -4.1422



83.0758, 2.7928, 9.1393

# Complementary

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



83.0740, -12.1744, 7.9251



79.3676, 3.7919, 0.9432

# 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.



83.0758, 4.3986, 5.2562



83.0740, -12.1744, 7.9251



83.0758, 0.6223, -2.5296

# Square

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



83.0758, -12.1762, 7.9263



83.0758, -8.0628, -3.3340



83.0758, 3.5959, 0.9673



83.0758, -0.7483, 11.6787



# Rectangle

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



83.0740, -12.1744, 7.9251



83.0758, -12.1616, 0.9351



83.0758, 3.5959, 0.9673



83.0758, 3.5803, 7.9558

# Sweetspot

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



83.0758, -12.1762, 7.9263



99.4125, -7.6038, 6.3965



83.9765, -9.3243, 11.6913



46.0061, -3.4662, 2.9372

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.0758, -12.1762, 7.9263



97.1768, -16.3782, 10.2416



83.3419, -10.6956, 4.1245



38.3112, -6.1738, 3.9085



55.0855, -45.2699, 28.8727



14.0767, -11.1744, 6.5278



# Inverse Universe

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



79.3676, 3.7919, 0.9432



91.7935, 6.8086, 0.1050



79.0927, 2.3111, 4.8599



36.3280, 2.3676, 0.1740



31.9090, 58.5685, -9.7942

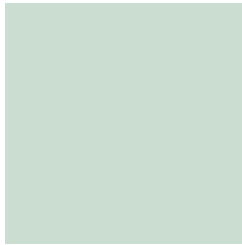


8.2181, 15.2522, -3.8248



# Previews

## White Background



This preview shows how the HunterLab color 83.0740, -12.1744, 7.9251 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

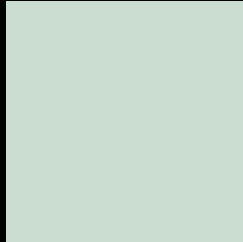
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.0740, -12.1744, 7.9251 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

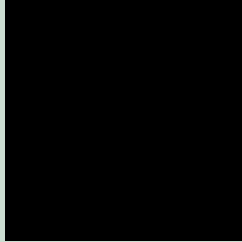
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

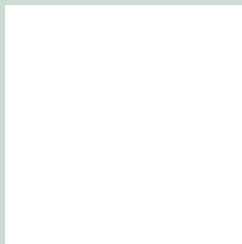
Any Text WCAG AAA ✓ Pass

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

## HunterLab 83.0740, -12.1744, 7.9251 Background



This preview shows how black text looks on a background with the HunterLab color 83.0740, -12.1744, 7.9251.



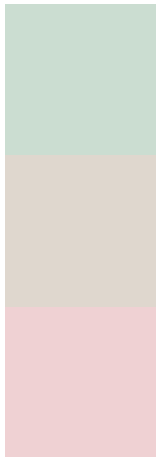
This preview shows how white text looks on a background with the HunterLab color 83.0740,

-12.1744, 7.9251.

# 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

83.0740, -12.1744, 7.9251

### Protanopia

82.9127, -3.2825, 9.2770

### Deuteranopia

82.8582, 6.1318, 7.0656



## Tritanopia

82.9648, -4.4874, -4.5850

# Trichromacy



## Original Color

83.0740, -12.1744, 7.9251

## Protanomaly

82.9033, -6.4330, 8.7545

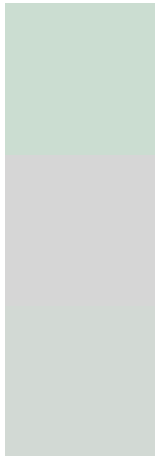
## Deuteranomaly

82.7106, -0.5997, 7.2478

## Tritanomaly

82.8860, -6.9736, -0.0034

# Monochromacy



## Original Color

83.0740, -12.1744, 7.9251

## Achromatopsia

82.0026, -4.3755, 4.4554

## Achromatomaly

82.5111, -7.5090, 5.9537

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.0740, -12.1744, 7.9251 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(203, 221, 209)` looks like.

```
.text, #text, p{  
    color:rgb(203, 221, 209)  
}
```

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(203, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 221, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.0740, -12.1744, 7.9251 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(203, 221, 209) }
```



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

```
.border{ border-color:rgb(203, 221, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 221, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(203, 221,  
209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.0740, -12.1744, 7.9251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 221, 209) }
```

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

```
.background{ background-color: rgb(203,  
221, 209) }
```

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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