

# Converting Colors

HunterLab(85.1173, -18.5853,  
17.3103)

Have a look what the booklet for  
HunterLab(85.1173, -18.5853,  
17.3103) contains.

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# **Color**

**HunterLab(85.1709,  
-18.7703, 17.4379)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBE5C0
RGB	203, 229, 192
RGB Percent	80%, 90%, 75%
CMY	0.2039, 0.1019, 0.2471
CMYK	0.11, 0.00, 0.16, 0.10
HSL	102°, 42%, 83%
HSV	102°, 16%, 90%
XYZ	62.1622, 72.5408, 60.5946
YIQ	217.0080, -3.6190, -17.0190

# Conversions

## Conversions Part 2

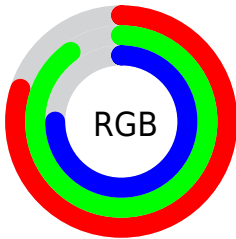
Format	Color
<a href="#">RYB</a>	<a href="#">192, 229, 218</a>
Decimal	<a href="#">13362624</a>
CIELab	<a href="#">88.23, -15.25, 15.20</a>
CIElCh	<a href="#">88, 21.530, 135.104</a>
Yxy	<a href="#">72.5439, 0.3183, 0.3714</a>
Android (android.graphics.Color)	<a href="#">4291552704 (0xFFCBE5C0)</a>
YUV	<a href="#">217.0080, -12.3289, -12.2850</a>
Hunter-Lab	<a href="#">85.1709, -18.7703, 17.4379</a>

# Details

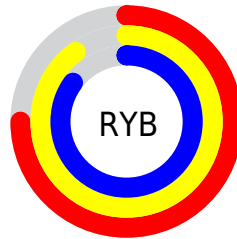
The HunterLab color  $85.1709, -18.7703, 17.4379$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $76.3308, 11.1955, -10.3518$ , and the grayscale version is  $83.3567, -4.4477, 4.5289$ .

A 20% lighter version of the original color is  $99.7784, -6.5511, 8.5977$ , and  $61.7347, -15.7262, 14.6727$  is the 20% darker color. If you saturate the color by 10%, you get  $83.3444, -26.6395, 24.1520$ , and if you desaturate by 10%, it is  $87.1880, -10.2594, 9.8712$ .

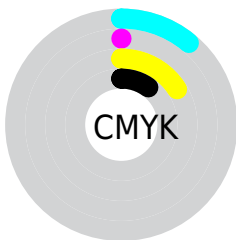
# Distribution



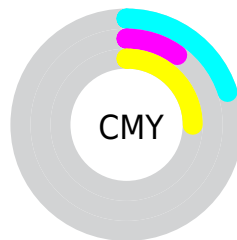
- Red (80%)
- Green (90%)
- Blue (75%)



- Red (75%)
- Yellow (90%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.1709, -18.7703, 17.4379 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 85.1709, -18.7703, 17.4379 by changing the saturation by 10% instead.



■ 85.1709, -18.7703,  
17.4379

■ 85.1709, -18.7703,  
17.4379

216.6639,  
-31.2986, 29.9844

■ 73.2142, -17.3848,  
16.0464

■ 110.8285,  
-21.5333, 20.2065

■ 61.8744, -15.9867,  
14.6412

124.4762,  
-22.9132, 21.5887

■ 51.1894, -14.5712,  
13.2157

138.6422,  
-24.2959, 22.9732

■ 41.2019, -13.1288,  
11.7590

153.3082,  
-25.6830, 24.3619

■ 31.9646, -11.6452,  
10.2549

168.4577,  
-27.0759, 25.7564

■ 23.5442, -10.0980,  
8.6778

184.0757,

■ 16.0295, -8.4482,

-28.4755, 27.1576

6.9846

200.1487,  
-29.8829, 28.5667

■ 9.5463, -7.4760,  
6.6824

0.0000, NaN, NaN

■ 85.1709, -18.7703,  
17.4379

■ 85.1709, -18.7703,  
17.4379

■ 83.3444, -26.6395,  
24.1520

■ 87.1880, -10.2594,  
9.8712

■ 81.7068, -33.8014,  
29.9629

■ 89.3852, -1.1644,  
1.5046

■ 80.2621, -40.2052,  
34.8378

■ 91.5549, 7.3627,  
-4.7224

■ 79.0103, -45.8087,  
38.7601

■ 91.9356, 8.6333,  
-4.2119

■ 77.9493, -50.5846,  
41.7354

■ 77.0744, -54.5239,  
43.7966

■ 76.3775, -57.6411,  
45.0102

■ 75.8463, -59.9803,  
45.4886

■ 75.6789, -60.7126,  
45.5701

# Harmonies

## Analogous

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



85.1727, -9.8953, 21.5945



85.1709, -18.7703, 17.4379



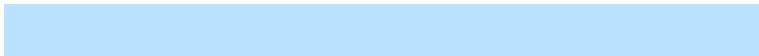
85.1727, -23.7108, 9.5617

# Triad

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



85.1727, -18.7722, 17.4390



85.1727, -9.8242, -16.7593



85.1727, 16.4508, 9.6268

# Complementary

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



85.1709, -18.7703, 17.4379



76.3308, 11.1955, -10.3518

# 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.



85.1727, 16.4722, -0.6023



85.1709, -18.7703, 17.4379



85.1727, 0.9322, -16.7362

# Square

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



85.1727, -18.7722, 17.4390



85.1727, -18.7224, -10.5855



85.1727, 10.6731, -10.5258



85.1727, 10.6161, 17.4815



# Rectangle

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



85.1709, -18.7703, 17.4379



85.1727, -24.2701, 2.8592



85.1727, 10.6731, -10.5258



85.1727, 17.1473, 6.3757

# Sweetspot

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



85.1727, -18.7722, 17.4390



98.7653, -10.4618, 10.1285



83.9987, -4.8842, 16.4735



45.6150, -5.1674, 4.9829

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

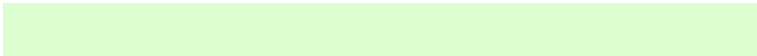


# Same Dimension

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



85.1727, -18.7722, 17.4390



95.5864, -23.9114, 22.0441



84.4928, -20.8632, 13.6110



40.3679, -6.1295, 5.8139



57.2701, -45.7054, 34.4894



15.7180, -11.7956, 9.4789



# Inverse Universe

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



76.3308, 11.1955, -10.3518



83.8201, 15.9977, -14.9910



77.2086, 13.5335, -5.0431



37.9327, 2.1144, -1.8231



27.6185, 59.0084, -72.9348

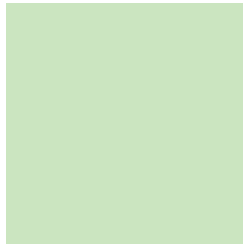


7.8181, 16.4458, -18.6466



# Previews

## White Background



This preview shows how the HunterLab color 85.1709, -18.7703, 17.4379 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

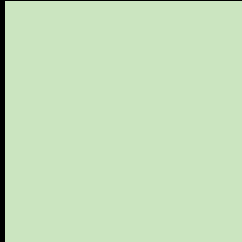
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.1709, -18.7703, 17.4379 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

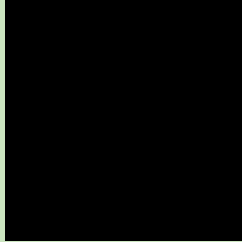
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

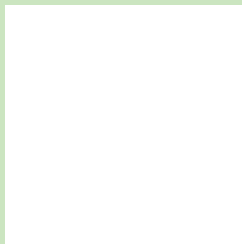
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.1709, -18.7703, 17.4379 Background



This preview shows how black text looks on a background with the HunterLab color 85.1709, -18.7703, 17.4379.



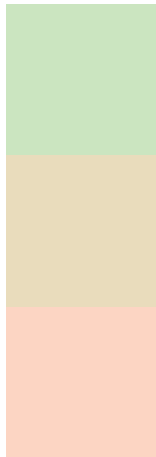
This preview shows how white text looks on a background with the HunterLab color 85.1709, -18.7703, 17.4379.

-18.7703, 17.4379.

# 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

85.1709, -18.7703, 17.4379

### Protanopia

84.9358, -5.1526, 19.0354

### Deuteranopia

84.9847, 6.2624, 16.4571



## Tritanopia

85.0780, -4.7207, -5.1082

# Trichromacy



## Original Color

85.1709, -18.7703, 17.4379

## Protanomaly

84.8405, -10.2473, 18.4538

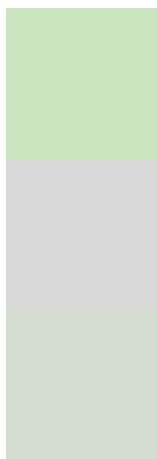
## Deuteranomaly

84.8826, -3.4423, 16.5936

## Tritanomaly

85.1986, -10.2824, 3.7365

# Monochromacy



## Original Color

85.1709, -18.7703, 17.4379

## Achromatopsia

83.2990, -4.4446, 4.5258

## Achromatomaly

83.8236, -9.5683, 9.2753

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.1709, -18.7703, 17.4379 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, 229, 192)` looks like.

```
.text, #text, p{  
    color:rgb(203, 229, 192)  
}
```

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, 229, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 229, 192) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.1709, -18.7703, 17.4379 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, 229, 192) }
```



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

```
.border{ border-color:rgb(203, 229, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 229, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 229, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 229, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 229,  
192) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.1709, -18.7703, 17.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 229, 192) }
```

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

```
.background{ background-color: rgb(203,  
229, 192) }
```

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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