

# Converting Colors

HunterLab(85.7624, -19.3104,  
10.7117)

Have a look what the booklet for  
HunterLab(85.7624, -19.3104,  
10.7117) contains.

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# Color

**HunterLab(85.7269,  
-19.1573, 10.7698)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4E7D1
RGB	196, 231, 209
RGB Percent	77%, 91%, 82%
CMY	0.2314, 0.0941, 0.1804
CMYK	0.15, 0.00, 0.10, 0.09
HSL	142°, 42%, 84%
HSV	142°, 15%, 91%
XYZ	62.8495, 73.4910, 71.1943
YIQ	218.0270, -13.7980, -14.2620

# Conversions

## Conversions Part 2

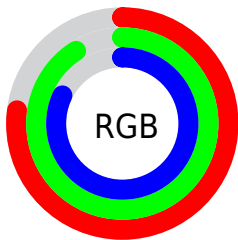
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 222, 231
Decimal	12904401
CIELab	88.68, -15.61, 6.90
CIElCh	89, 17.067, 156.167
Yxy	73.4941, 0.3028, 0.3541
Android (android.graphics.Color)	4291094481 (0xFFC4E7D1)
YUV	218.0270, -4.4503, -19.3177
Hunter-Lab	85.7269, -19.1573, 10.7698

# Details

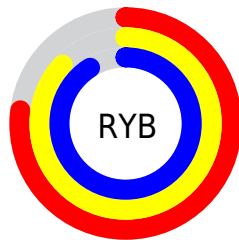
The HunterLab color  $85.7269, -19.1573, 10.7698$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $78.4427, 11.4378, -1.6007$ , and the grayscale version is  $83.7680, -4.4697, 4.5513$ .

A 20% lighter version of the original color is  $99.8111, -5.9933, 5.1992$ , and  $62.2714, -16.0960, 8.5639$  is the 20% darker color. If you saturate the color by 10%, you get  $83.6327, -27.7294, 14.6644$ , and if you desaturate by 10%, it is  $88.0832, -9.8362, 6.8637$ .

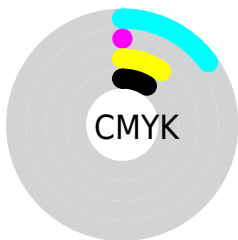
# Distribution



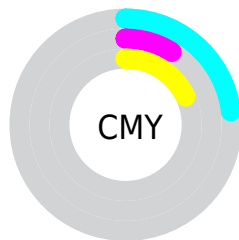
- Red (77%)
- Green (91%)
- Blue (82%)



- Red (77%)
- Yellow (87%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7269, -19.1573, 10.7698 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 85.7269, -19.1573, 10.7698 by changing the saturation by 10% instead.



■ 85.7269, -19.1573,  
10.7698

■ 85.7269, -19.1573,  
10.7698

217.4225,  
-31.8195, 20.3096

■ 73.7429, -17.7537,  
9.7960

111.4354,  
-21.9535, 12.7694

■ 62.3744, -16.3370,  
8.8357

125.1069,  
-23.3492, 13.7940

■ 51.6588, -14.9018,  
7.8883

139.2960,  
-24.7472, 14.8360

■ 41.6387, -13.4386,  
6.9512

153.9842,  
-26.1490, 15.8955

■ 32.3660, -11.9329,  
6.0196

169.1553,  
-27.5562, 16.9727

■ 23.9070, -10.3620,  
5.0860

184.7942,

■ 16.3488, -8.6868,

-28.9697, 18.0675

4.1365

200.8875,  
-30.3906, 19.1798

■ 9.8154, -7.4922,  
3.4609

0.0000, NaN, NaN

■ 85.7269, -19.1573,  
10.7698

■ 85.7269, -19.1573,  
10.7698

■ 83.6327, -27.7294,  
14.6644

■ 88.0832, -9.8362,  
6.8637

■ 81.8006, -35.4573,  
18.5026

■ 90.6881, 0.1440,  
2.9786

■ 80.2348, -42.2637,  
22.2406

■ 92.4547, 7.0952,  
-2.2666

■ 78.9338, -48.0877,  
25.8312

■ 92.5390, 7.5456,  
-3.4613

■ 77.8914, -52.8938,  
29.2276

■ 77.0962, -56.6787,  
32.3853

■ 76.5302, -59.4788,  
35.2640

■ 76.1672, -61.3783,  
37.8281

■ 76.0416, -62.0668,  
38.9390

# Harmonies

## Analogous

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



85.7287, -14.1026, 16.3979



85.7269, -19.1573, 10.7698



85.7287, -20.3778, 2.9628

# Triad

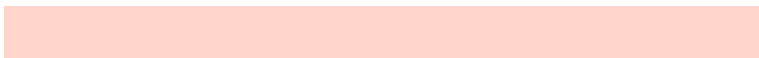
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7287, -19.1590, 10.7710



85.7287, -2.7988, -12.4557



85.7287, 9.1557, 13.4240

# Complementary

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



85.7269, -19.1573, 10.7698



78.4427, 11.4378, -1.6007

# 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.



85.7287, 12.4542, 6.3358



85.7269, -19.1573, 10.7698



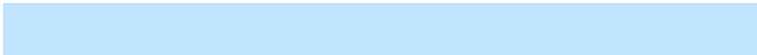
85.7287, 5.3796, -9.0000

# Square

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



85.7287, -19.1590, 10.7710



85.7287, -11.1463, -10.9723



85.7287, 11.0459, -1.9229



85.7287, 2.1924, 17.8209



# Rectangle

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



85.7269, -19.1573, 10.7698



85.7287, -18.8941, -2.5495



85.7287, 11.0459, -1.9229



85.7287, 10.7420, 11.3050

# Sweetspot

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



85.7287, -19.1590, 10.7710



98.5677, -10.8673, 7.6231



87.2192, -14.4786, 17.9887



45.5114, -5.3806, 3.6695

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

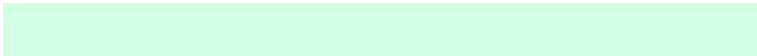


# Same Dimension

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



85.7287, -19.1590, 10.7710



95.1782, -24.3473, 13.3349



86.2555, -16.1928, 3.2418



40.2210, -6.4373, 3.9476



56.9535, -46.3501, 28.8698



15.5386, -12.2487, 7.0196



# Inverse Universe

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



78.4427, 11.4378, -1.6007



85.4870, 16.3772, -3.1124



77.8921, 8.5212, 6.2397



38.1047, 2.4416, 0.3517



32.7088, 59.6053, -6.6970

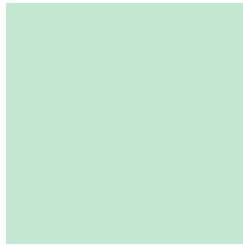


8.9912, 16.5610, -3.2084



# Previews

## White Background



This preview shows how the HunterLab color 85.7269, -19.1573, 10.7698 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

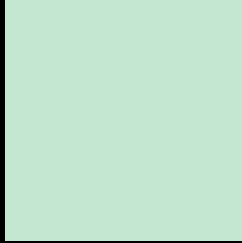
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.7269, -19.1573, 10.7698 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

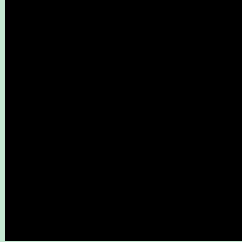
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

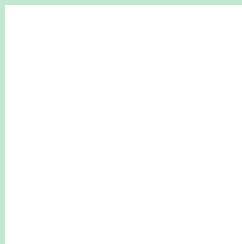
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.7269, -19.1573, 10.7698 Background



This preview shows how black text looks on a background with the HunterLab color 85.7269, -19.1573, 10.7698.



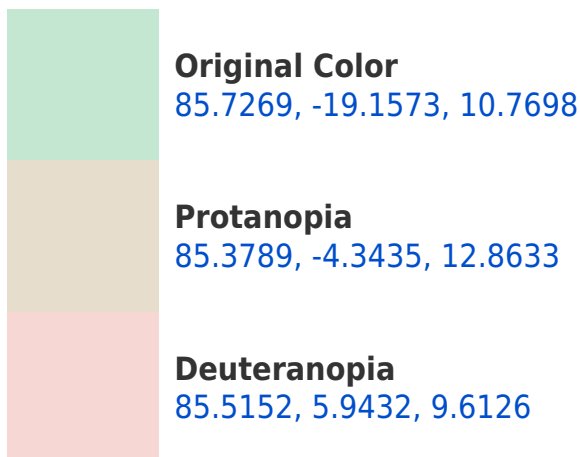
This preview shows how white text looks on a background with the HunterLab color 85.7269, -19.1573, 10.7698.

-19.1573, 10.7698.

# 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

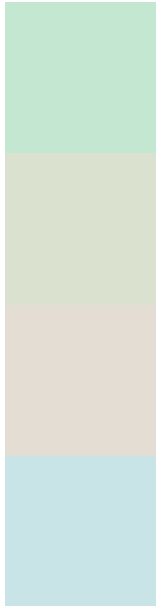




## Tritanopia

85.7210, -8.6573, -6.5286

# Trichromacy



## Original Color

85.7269, -19.1573, 10.7698

## Protanomaly

85.5641, -10.0080, 12.0870

## Deuteranomaly

85.3874, -3.9117, 9.7545

## Tritanomaly

85.7530, -12.7125, 0.3469

# Monochromacy



## Original Color

85.7269, -19.1573, 10.7698

## Achromatopsia

83.7318, -4.4677, 4.5493

## Achromatomaly

84.4886, -10.0393, 6.7702

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.7269, -19.1573, 10.7698 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(196, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(196, 231, 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(196, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 231, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.7269, -19.1573, 10.7698 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(196, 231, 209) }
```



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

```
.border{ border-color:rgb(196, 231, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 231, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 231, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 231, 209);  
box-shadow:4px 4px 4px 4px rgb(196, 231,  
209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.7269, -19.1573, 10.7698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 231, 209) }
```

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

```
.background{ background-color: rgb(196,  
231, 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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