

# Converting Colors

HunterLab(84.9828, -30.1488,  
24.5922)

Have a look what the booklet for  
HunterLab(84.9828, -30.1488,  
24.5922) contains.

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# **Color**

**HunterLab(85.0531,  
-30.3801, 24.6701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6EBAC
RGB	182, 235, 172
RGB Percent	71%, 92%, 67%
CMY	0.2863, 0.0784, 0.3255
CMYK	0.23, 0.00, 0.27, 0.08
HSL	110°, 61%, 80%
HSV	110°, 27%, 92%
XYZ	56.4461, 72.3403, 50.0177
YIQ	211.9710, -11.3650, -30.8290

# Conversions

## Conversions Part 2

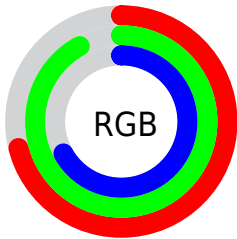
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">172, 235, 225</a>
Decimal	<a href="#">11987884</a>
CIELab	<a href="#">88.13, -28.57, 25.22</a>
CIElCh	<a href="#">88, 38.110, 138.564</a>
Yxy	<a href="#">72.3434, 0.3157, 0.4046</a>
Android (android.graphics.Color)	<a href="#">4290177964 (0xFFB6EBAC)</a>
YUV	<a href="#">211.9710, -19.7057, -26.2846</a>
Hunter-Lab	<a href="#">85.0531, -30.3801, 24.6701</a>

# Details

The HunterLab color **85.0531, -30.3801, 24.6701** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.7725, 25.6152, -20.2567**, and the grayscale version is **81.2150, -4.3334, 4.4126**.

A 20% lighter version of the original color is **97.7099, -15.0531, 15.4067**, and **61.7748, -26.1822, 20.8563** is the 20% darker color. If you saturate the color by 10%, you get **83.2341, -38.3419, 30.5113**, and if you desaturate by 10%, it is **87.1247, -21.5253, 17.9709**.

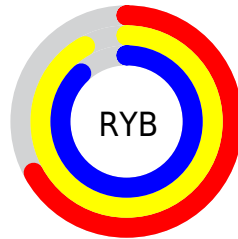
# Distribution



Red (71%)

Green (92%)

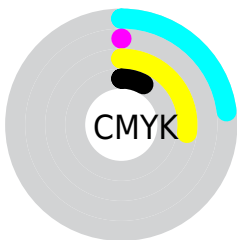
Blue (67%)



Red (67%)

Yellow (92%)

Blue (88%)

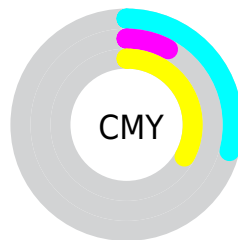


Cyan (23%)

Magenta (0%)

Yellow (27%)

Black (8%)



Cyan (29%)

Magenta (8%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.0531, -30.3801, 24.6701 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 85.0531, -30.3801, 24.6701 by changing the saturation by 10% instead.



■ 85.0531, -30.3801,  
24.6701

■ 85.0531, -30.3801,  
24.6701

216.5031,  
-47.9179, 41.0583

■ 73.1021, -28.3022,  
22.7379

■ 110.6999,  
-34.4205, 28.4296

■ 61.7685, -26.1676,  
20.7546

124.3425,  
-36.3954, 30.2704

■ 51.0900, -23.9620,  
18.7058

138.5036,  
-38.3486, 32.0931

■ 41.1094, -21.6629,  
16.5701

153.1648,  
-40.2844, 33.9018

■ 31.8796, -19.2371,  
14.3168

168.3098,  
-42.2065, 35.7002

■ 23.4675, -16.6332,  
11.9002


183.9234,

■ 15.9620, -13.7637,


-44.1178, 37.4909


9.6037


199.9920,  
-46.0209, 39.2763


 9.4896, -13.6275,  
6.6427


0.0000, NaN, NaN


 85.0531, -30.3801,  
24.6701


 85.0531, -30.3801,  
24.6701


 83.2341, -38.3419,  
30.5113


 87.1247, -21.5253,  
17.9709

 81.6650, -45.3288,  
35.4416

 89.4381, -11.8601,  
10.4750

 80.3474, -51.2834,  
39.4315

 91.9873, -1.4790,  
2.2556

 79.2769, -56.1707,  
42.4761

 93.7548, 5.3761,  
-1.9641

■ 78.4451, -59.9862,  
44.6028

■ 77.8381, -62.7623,  
45.8773

■ 77.4356, -64.5770,  
46.4201

■ 77.3423, -64.9958,  
46.5201

# Harmonies

## Analogous

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



85.0549, -15.9310, 31.5535



85.0531, -30.3801, 24.6701



85.0549, -37.6543, 11.2750

# Triad

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



85.0549, -30.3819, 24.6710



85.0549, -11.7089, -37.2656



85.0549, 33.1806, 15.0259

# Complementary

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



85.0531, -30.3801, 24.6701



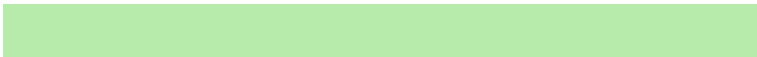
71.7725, 25.6152, -20.2567

# 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.



85.0549, 34.5648, -2.5990



85.0531, -30.3801, 24.6701



85.0549, 7.4779, -35.6331

# Square

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



85.0549, -30.3819, 24.6710



85.0549, -27.5265, -25.9758



85.0549, 24.8041, -21.9124

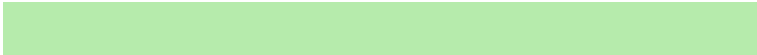


85.0549, 21.1743, 26.8928



# Rectangle

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



85.0531, -30.3801, 24.6701



85.0549, -37.9231, -0.7431



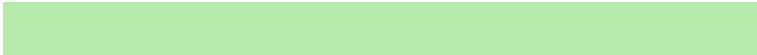
85.0549, 24.8041, -21.9124



85.0549, 34.9405, 9.6735

# Sweetspot

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



85.0549, -30.3819, 24.6710



97.7978, -14.3564, 12.5450



86.1537, -8.8439, 26.0721



45.0627, -7.4009, 6.3965

0.0000, NaN, NaN

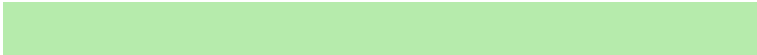


46.2646, -2.4686, 2.5136

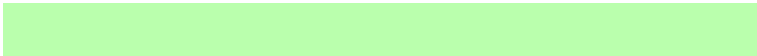


# Same Dimension

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



85.0549, -30.3819, 24.6710



92.2148, -38.1174, 30.6050



84.8769, -30.0290, 16.5309



41.2030, -6.7283, 5.8183



57.7282, -48.3562, 34.7253



16.2834, -13.0974, 9.8044



# Inverse Universe

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



71.7725, 25.6152, -20.2567



74.9312, 34.9217, -28.0756



72.1278, 25.1180, -7.4129



38.9689, 2.6497, -1.6879



31.6927, 64.8075, -61.1700



9.0619, 18.4114, -16.5673



# Previews

## White Background



This preview shows how the HunterLab color 85.0531, -30.3801, 24.6701 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 85.0531, -30.3801, 24.6701 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

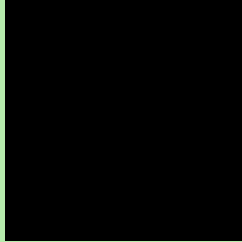
Any Text WCAG AA ✓ Pass

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 85.0531, -30.3801, 24.6701 Background



This preview shows how black text looks on a background with the HunterLab color 85.0531, -30.3801, 24.6701.



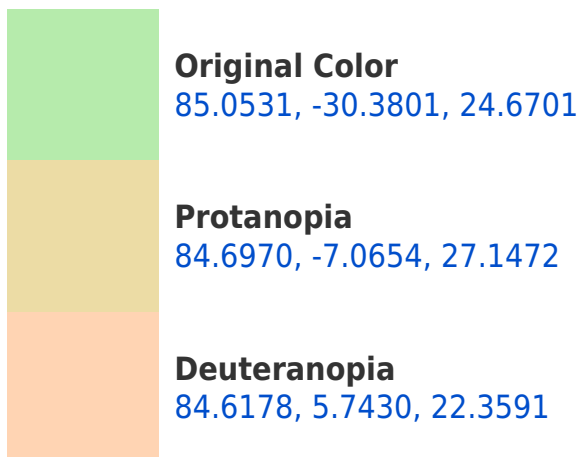
This preview shows how white text looks on a background with the HunterLab color 85.0531, -30.3801, 24.6701.

-30.3801, 24.6701.

# 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

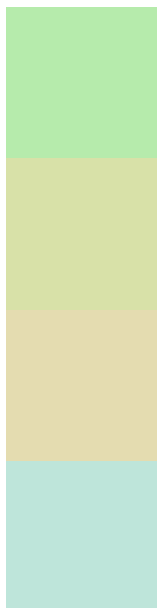




## Tritanopia

85.0845, -10.9104, -7.4032

# Trichromacy



## Original Color

85.0531, -30.3801, 24.6701

## Protanomaly

84.4254, -15.9987, 25.7261

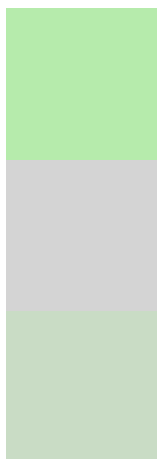
## Deuteranomaly

84.1516, -8.4886, 22.7659

## Tritanomaly

84.8809, -18.3495, 5.6502

# Monochromacy



## Original Color

85.0531, -30.3801, 24.6701

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

82.2406, -14.2172, 12.3452

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.0531, -30.3801, 24.6701 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(182, 235, 172)` looks like.

```
.text, #text, p{  
    color:rgb(182, 235, 172)  
}
```

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(182, 235, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 235, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.0531, -30.3801, 24.6701 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(182, 235, 172) }
```



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

```
.border{ border-color:rgb(182, 235, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 235, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 235, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 235, 172);  
box-shadow:4px 4px 4px 4px rgb(182, 235,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.0531, -30.3801, 24.6701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 235, 172) }
```

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

```
.background{ background-color: rgb(182,  
235, 172) }
```

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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