

# Converting Colors

HunterLab(87.7082, -26.3981,  
10.9093)

Have a look what the booklet for  
HunterLab(87.7082, -26.3981,  
10.9093) contains.

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# Color

**HunterLab(87.7892,  
-26.6288, 11.1141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6F0D5
RGB	182, 240, 213
RGB Percent	71%, 94%, 84%
CMY	0.2863, 0.0588, 0.1647
CMYK	0.24, 0.00, 0.11, 0.06
HSL	152°, 66%, 83%
HSV	152°, 24%, 94%
XYZ	62.4618, 77.0694, 74.5347
YIQ	219.5800, -25.9010, -20.6930

# Conversions

## Conversions Part 2

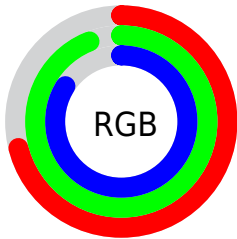
Format	Color
<b>RYB</b>	182, 220, 240
Decimal	11989205
CIELab	90.36, -23.72, 7.11
CIELCh	90, 24.758, 163.321
Yxy	77.0726, 0.2918, 0.3600
Android (android.graphics.Color)	4290179285 (0xFFB6F0D5)
YUV	219.5800, -3.2439, -32.9577
Hunter-Lab	87.7892, -26.6288, 11.1141

# Details

The HunterLab color  $87.7892, -26.6288, 11.1141$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $75.2240, 20.6383, -0.8328$ , and the grayscale version is  $84.4398, -4.5055, 4.5878$ .

A 20% lighter version of the original color is  $98.5346, -10.4714, 3.6061$ , and  $64.2953, -23.0821, 9.3848$  is the 20% darker color. If you saturate the color by 10%, you get  $85.9352, -34.2682, 13.8745$ , and if you desaturate by 10%, it is  $89.9092, -18.1805, 8.4965$ .

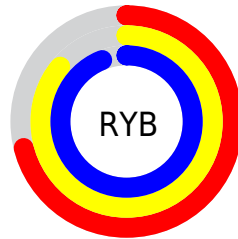
# Distribution



Red (71%)

Green (94%)

Blue (84%)



Red (71%)

Yellow (86%)

Blue (94%)

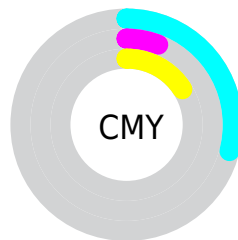


Cyan (24%)

Magenta (0%)

Yellow (11%)

Black (6%)



Cyan (29%)

Magenta (6%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7892, -26.6288, 11.1141 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 87.7892, -26.6288, 11.1141 by changing the saturation by 10% instead.





 87.7892, -26.6288,  
11.1141

 87.7892, -26.6288,  
11.1141


220.2298,  
-42.3006, 20.7534

 75.7050, -24.8139,  
10.1276


 113.6847,  
-30.1873, 13.1379

 64.2310, -22.9616,  
9.1543


127.4441,  
-31.9395, 14.1741

 53.4035, -21.0616,  
8.1935


141.7178,  
-33.6800, 15.2273

 43.2637, -19.0977,  
7.2426

156.4879,  
-35.4119, 16.2979

 33.8620, -17.0463,  
6.2970

171.7382,  
-37.1380, 17.3858

 25.2615, -14.8708,  
5.3495

187.4540,

 17.5453, -12.5101,

-38.8603, 18.4910

4.3869

203.6220,  
-40.5806, 19.6136

■ 10.8295, -10.5350,  
3.4668

■ 1.9825, -3.4694,  
1.3878

■ 87.7892, -26.6288,  
11.1141

■ 87.7892, -26.6288,  
11.1141

■ 85.9352, -34.2682,  
13.8745

■ 89.9092, -18.1805,  
8.4965

■ 84.3433, -41.0229,  
16.7443

■ 92.2848, -9.0010,  
6.0419

■ 83.0135, -46.8402,  
19.6896

■ 94.9108, 0.8209,  
3.7690

■ 81.9391, -51.6896,  
22.6705

■ 95.2907, 2.6766,  
-0.1006

■ 81.1087, -55.5706,  
25.6441

■ 80.5042, -58.5190,  
28.5652

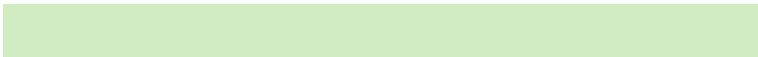
■ 80.0998, -60.6162,  
31.3869

■ 79.9305, -61.5474,  
32.9571

# Harmonies

## Analogous

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



87.7910, -20.6396, 19.8929



87.7892, -26.6288, 11.1141



87.7910, -26.9591, -0.6767

# Triad

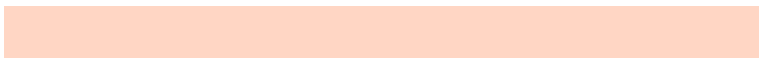
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7910, -26.6303, 11.1153



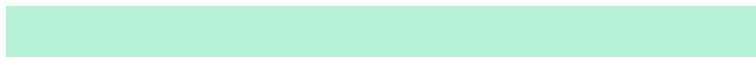
87.7910, 0.9406, -20.6230



87.7910, 13.5662, 19.1146

# Complementary

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



87.7892, -26.6288, 11.1141



75.2240, 20.6383, -0.8328

# 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.



87.7910, 20.0492, 9.9051



87.7892, -26.6288, 11.1141



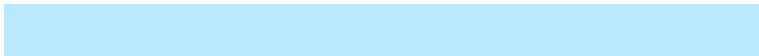
87.7910, 12.4885, -13.6164

# Square

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



87.7910, -26.6303, 11.1153



87.7910, -11.5083, -20.1781



87.7910, 19.6441, -2.0685

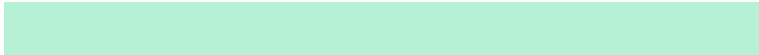


87.7910, 2.3450, 24.0474



# Rectangle

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



87.7892, -26.6288, 11.1141



87.7910, -23.9574, -8.7901



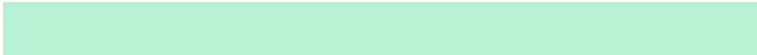
87.7910, 19.6441, -2.0685



87.7910, 16.3994, 16.4769

# Sweetspot

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



87.7910, -26.6303, 11.1153



98.1054, -12.5245, 7.2040



89.0315, -23.6425, 24.9742



45.3153, -6.0738, 3.4056

0.0000, NaN, NaN

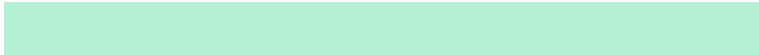


46.2646, -2.4686, 2.5136

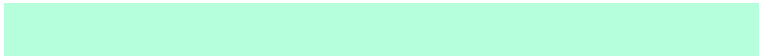


# Same Dimension

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



87.7910, -26.6303, 11.1153



93.0309, -32.6727, 13.3465



87.9930, -20.8806, -1.6944



42.1873, -6.4720, 3.3953



59.1602, -45.3940, 24.0476



17.1222, -12.7297, 6.0784



# Inverse Universe

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



75.2240, 20.6383, -0.8328



76.9798, 27.8352, -1.8422



74.9385, 15.3660, 11.4304



39.8514, 2.2803, 1.1572



32.8701, 58.3094, 5.5944

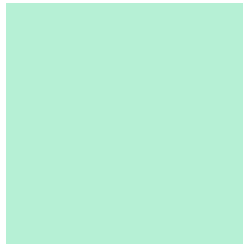


9.5851, 17.1983, 0.1198



# Previews

## White Background



This preview shows how the HunterLab color 87.7892, -26.6288, 11.1141 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

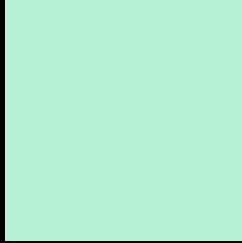
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.7892, -26.6288, 11.1141 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

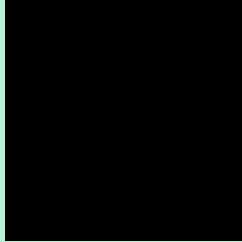
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

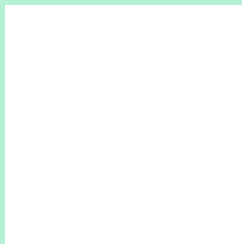
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.7892, -26.6288, 11.1141 Background



This preview shows how black text looks on a background with the HunterLab color 87.7892, -26.6288, 11.1141.



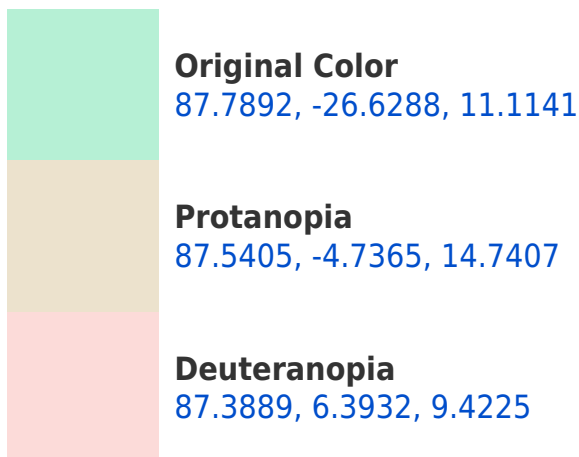
This preview shows how white text looks on a background with the HunterLab color 87.7892,

-26.6288, 11.1141.

# 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

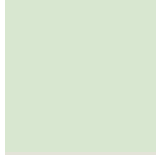
87.6839, -14.2286, -9.0550

# Trichromacy



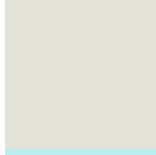
## Original Color

87.7892, -26.6288, 11.1141



## Protanomaly

87.3526, -13.3410, 13.0891



## Deuteranomaly

87.3080, -6.5219, 9.5670



## Tritanomaly

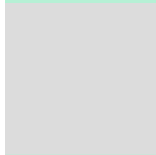
87.5949, -18.9569, -1.1072

# Monochromacy



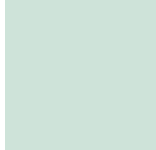
## Original Color

87.7892, -26.6288, 11.1141



## Achromatopsia

84.5987, -4.5140, 4.5964



## Achromatomaly

85.4808, -12.9257, 6.9144

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.7892, -26.6288, 11.1141 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, 240, 213)` looks like.

```
.text, #text, p{  
    color:rgb(182, 240, 213)  
}
```

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, 240, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 240, 213) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.7892, -26.6288, 11.1141 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, 240, 213) }
```



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

```
.border{ border-color:rgb(182, 240, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 240, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 240, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 240, 213);  
box-shadow:4px 4px 4px 4px rgb(182, 240,  
213) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.7892, -26.6288, 11.1141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 240, 213) }
```

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

```
.background{ background-color: rgb(182,  
240, 213) }
```

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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