

# Converting Colors

HunterLab(82.0637, -14.1038,  
9.4485)

Have a look what the booklet for  
HunterLab(82.0637, -14.1038,  
9.4485) contains.

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# Color

**HunterLab(82.1608,  
-14.1629, 9.6069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6DCCB
RGB	198, 220, 203
RGB Percent	78%, 86%, 80%
CMY	0.2235, 0.1372, 0.2039
CMYK	0.10, 0.00, 0.08, 0.14
HSL	134°, 24%, 82%
HSV	134°, 10%, 86%
XYZ	59.6614, 67.5040, 66.3850
YIQ	211.4840, -7.6550, -9.9510

# Conversions

## Conversions Part 2

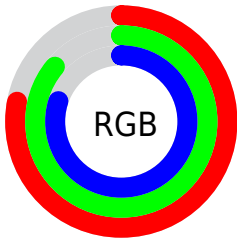
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 216, 220
Decimal	13032651
CIELab	85.76, -10.50, 5.86
CIElCh	86, 12.025, 150.859
Yxy	67.5068, 0.3082, 0.3488
Android (android.graphics.Color)	4291222731 (0xFFC6DCCB)
YUV	211.4840, -4.1826, -11.8255
Hunter-Lab	82.1608, -14.1629, 9.6069

# Details

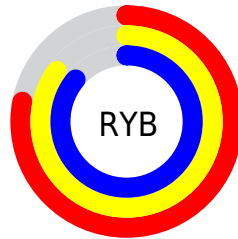
The HunterLab color  $82.1608, -14.1629, 9.6069$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $77.7893, 6.0859, -0.9634$ , and the grayscale version is  $80.9394, -4.3187, 4.3976$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $59.1688, -11.8906, 7.7594$  is the 20% darker color. If you saturate the color by 10%, you get  $79.9778, -23.0954, 14.4392$ , and if you desaturate by 10%, it is  $84.6005, -4.5155, 4.5972$ .

# Distribution



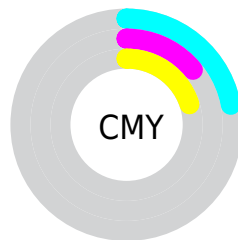
- Red (78%)
- Green (86%)
- Blue (80%)



- Red (78%)
- Yellow (85%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.1608, -14.1629, 9.6069 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 82.1608, -14.1629, 9.6069 by changing the saturation by 10% instead.



■ 82.1608, -14.1629,  
9.6069

■ 82.1608, -14.1629,  
9.6069

212.5433,  
-24.9251, 18.7317

■ 70.3538, -13.0168,  
8.6885

107.5390,  
-16.4801, 11.5027

■ 59.1723, -11.8718,  
7.7865

121.0556,  
-17.6513, 12.4784

■ 48.6553, -10.7258,  
6.9006

135.0953,  
-18.8332, 13.4732

■ 38.8478, -9.5726,  
6.0288

149.6393,  
-20.0265, 14.4871

■ 29.8054, -8.4030,  
5.1671

164.6709,  
-21.2319, 15.5200

■ 21.5994, -7.2017,  
4.3088

180.1745,

■ 14.3258, -5.9414,

-22.4499, 16.5719

3.4409

196.1362,  
-23.6809, 17.6425

■ 7.9849, -6.1583,  
3.4745

0.0000, NaN, NaN

■ 82.1608, -14.1629,  
9.6069

■ 82.1608, -14.1629,  
9.6069

■ 79.9778, -23.0954,  
14.4392

■ 84.6005, -4.5155,  
4.5972

■ 78.0536, -31.2084,  
19.0373

■ 87.2819, 5.7514,  
-0.5439

■ 76.3947, -38.4118,  
23.3473

■ 89.2217, 13.3651,  
-7.1003

■ 75.0021, -44.6292,  
27.3154

■ 89.2575, 13.5541,  
-7.6066

■ 73.8726, -49.8072,  
30.8926

■ 72.9977, -53.9232,  
34.0377

■ 72.3633, -56.9924,  
36.7208

■ 71.9477, -59.0755,  
38.9244

■ 71.7072, -60.3426,  
40.6346

# Harmonies

## Analogous

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



82.1625, -10.1870, 13.2948



82.1608, -14.1629, 9.6069



82.1625, -15.5410, 4.3086

# Triad

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



82.1625, -14.1646, 9.6081



82.1625, -4.2163, -7.1976



82.1625, 5.6872, 9.8723

# Complementary

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



82.1608, -14.1629, 9.6069



77.7893, 6.0859, -0.9634

# 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.



82.1625, 7.3928, 4.6358



82.1608, -14.1629, 9.6069



82.1625, 1.5757, -5.4519

# Square

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



82.1625, -14.1646, 9.6081



82.1625, -9.8973, -5.6355



82.1625, 5.8675, -1.0179



82.1625, 1.2696, 13.4396



# Rectangle

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



82.1608, -14.1629, 9.6069



82.1625, -14.8301, 0.4932



82.1625, 5.8675, -1.0179



82.1625, 6.6023, 8.2619

# Sweetspot

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



82.1625, -14.1646, 9.6081



99.0974, -8.8683, 7.2436



83.5161, -9.6176, 13.3648



45.7375, -4.5342, 3.5739

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

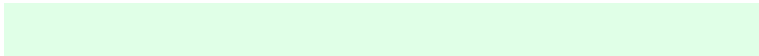


# Same Dimension

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



82.1625, -14.1646, 9.6081



96.5509, -19.0322, 12.5747



82.4853, -12.3616, 4.9925



38.2812, -6.3416, 4.3385



54.9454, -46.1464, 30.9398



14.0323, -11.4510, 7.1803



# Inverse Universe

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



77.7893, 6.0859, -0.9634



90.3143, 9.8551, -2.5013



77.4443, 4.2371, 3.9462



36.3615, 2.5471, -0.3020



32.6359, 61.1634, -19.7906

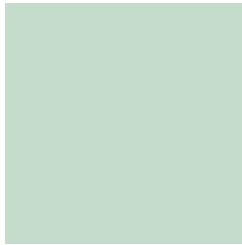


8.3826, 15.8365, -6.0644



# Previews

## White Background



This preview shows how the HunterLab color 82.1608, -14.1629, 9.6069 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

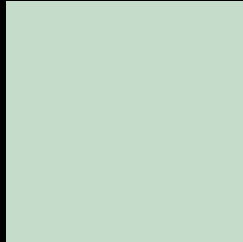
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.1608, -14.1629, 9.6069 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

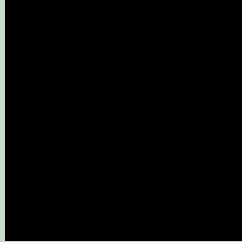
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

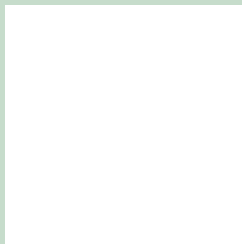
Any Text WCAG AAA ✓ Pass

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

## HunterLab 82.1608, -14.1629, 9.6069 Background



This preview shows how black text looks on a background with the HunterLab color 82.1608, -14.1629, 9.6069.



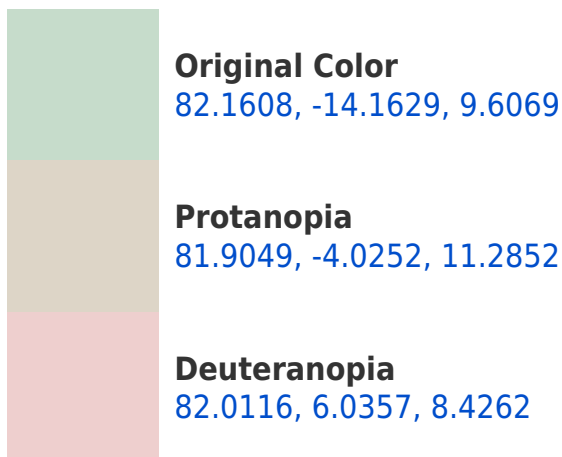
This preview shows how white text looks on a background with the HunterLab color 82.1608,

-14.1629, 9.6069.

# 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

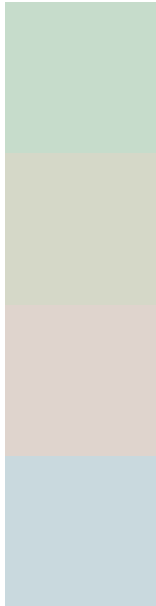




## Tritanopia

82.2748, -5.3625, -4.9508

# Trichromacy



## Original Color

82.1608, -14.1629, 9.6069

## Protanomaly

82.1146, -8.0085, 11.0035

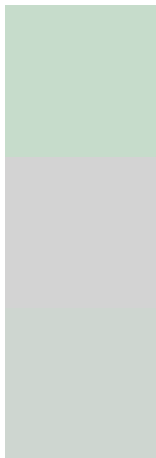
## Deuteranomaly

81.9651, -1.8970, 8.6939

## Tritanomaly

82.0470, -8.5112, 0.4687

# Monochromacy



## Original Color

82.1608, -14.1629, 9.6069

## Achromatopsia

80.7097, -4.3065, 4.3851

## Achromatomaly

81.0981, -7.9107, 6.2063

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.1608, -14.1629, 9.6069 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(198, 220, 203)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 203)  
}
```

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(198, 220, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 203) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.1608, -14.1629, 9.6069 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(198, 220, 203) }
```



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

```
.border{ border-color:rgb(198, 220, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 203);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
203) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.1608, -14.1629, 9.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 203) }
```

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

```
.background{ background-color: rgb(198,  
220, 203) }
```

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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