

Converting Colors

HunterLab(80.3125, -10.6888,
7.5173)

Have a look what the booklet for
HunterLab(80.3125, -10.6888,
7.5173) contains.

HunterLab(80.3412, -10.8915, 7.6195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(80.3412,
-10.8915, 7.6195)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D6CB
RGB	199, 214, 203
RGB Percent	78%, 84%, 80%
CMY	0.2196, 0.1608, 0.2039
CMYK	0.07, 0.00, 0.05, 0.16
HSL	136°, 15%, 81%
HSV	136°, 7%, 84%
XYZ	58.3793, 64.5471, 65.8819
YIQ	208.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

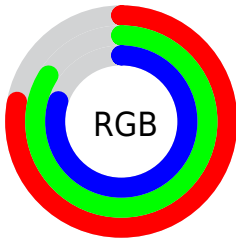
Format	Color
R _{YB}	199, 211, 214
Decimal	13096651
CIE Lab	84.25, -7.09, 3.69
CIE LCh	84, 7.993, 152.542
Yxy	64.5498, 0.3092, 0.3419
Android (android.graphics.Color)	4291286731 (0xFFC7D6CB)
YUV	208.2610, -2.5937, -8.1219
Hunter-Lab	80.3412, -10.8915, 7.6195

Details

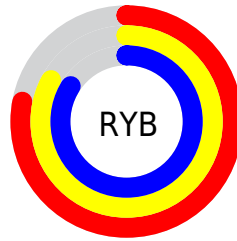
The HunterLab color $80.3412, -10.8915, 7.6195$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77.3290, 2.6890, 0.9452$, and the grayscale version is $79.5462, -4.2444, 4.3219$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $57.4334, -8.8239, 5.8828$ is the 20% darker color. If you saturate the color by 10%, you get $78.1758, -19.6300, 12.0410$, and if you desaturate by 10%, it is $82.7482, -1.5076, 3.0936$.

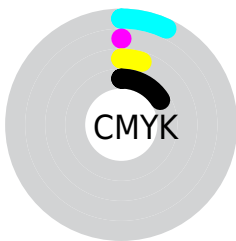
Distribution



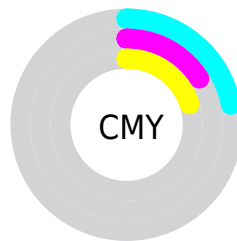
- Red (78%)
- Green (84%)
- Blue (80%)



- Red (78%)
- Yellow (83%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.3412, -10.8915, 7.6195 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 80.3412, -10.8915, 7.6195 by changing the saturation by 10% instead.

■ 80.3412, -10.8915,
7.6195

■ 80.3412, -10.8915,
7.6195

210.0411,
-20.3846, 15.9523

■ 68.6266, -9.9181,
6.8094

105.5473,
-12.8879, 9.3146

■ 57.5427, -8.9561,
6.0222

118.9832,
-13.9090, 10.1965

■ 47.1296, -8.0050,
5.2590

132.9453,
-14.9464, 11.1012

■ 37.4336, -7.0617,
4.5194

147.4145,
-16.0005, 12.0282

■ 28.5124, -6.1208,
3.8024

162.3735,
-17.0713, 12.9773

■ 20.4400, -5.1730,
3.1051

177.8068,

■ 13.3176, -4.2012,

-18.1589, 13.9479

2.4216

193.7003,
-19.2634, 14.9397

■ 6.8603, -4.8712,
2.6002

0.0000, NaN, NaN

■ 80.3412, -10.8915,
7.6195

■ 80.3412, -10.8915,
7.6195

■ 78.1758, -19.6300,
12.0410

■ 82.7482, -1.5076,
3.0936

■ 76.2543, -27.6243,
16.3089

■ 85.3821, 8.4336,
-1.4993

■ 74.5838, -34.7879,
20.3754

■ 87.3288, 15.9204,
-7.3617

■ 73.1662, -41.0443,
24.1909

■ 87.5075, 16.8564,
-9.8839

■ 71.9997, -46.3362,
27.7076

■ 71.0779, -50.6327,
30.8822

■ 70.3891, -53.9358,
33.6793

■ 69.9155, -56.2874,
36.0723

■ 69.6290, -57.7854,
38.0435

Harmonies

Analogous

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



80.3429, -8.3195, 10.2054



80.3412, -10.8915, 7.6195



80.3429, -11.7087, 4.0535

Triad

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



80.3429, -10.8933, 7.6207



80.3429, -3.9555, -3.1519



80.3429, 2.1849, 8.1482

Complementary

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



80.3412, -10.8915, 7.6195



77.3290, 2.6890, 0.9452

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.



80.3429, 3.4055, 4.6917



80.3412, -10.8915, 7.6195



80.3429, -0.1820, -1.9317

Square

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



80.3429, -10.8933, 7.6207



80.3429, -7.7491, -2.2768



80.3429, 2.5312, 0.9844



80.3429, -0.7738, 10.4995

Rectangle

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



80.3412, -10.8915, 7.6195



80.3429, -11.1583, 1.5658



80.3429, 2.5312, 0.9844



80.3429, 2.8146, 7.0830

Sweetspot

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



80.3429, -10.8933, 7.6207



99.4017, -7.6633, 6.5508



81.2147, -8.0384, 10.4565



46.0014, -3.4924, 3.0051

0.0000, NaN, NaN



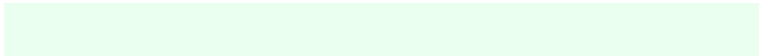
46.2646, -2.4686, 2.5136

Same Dimension

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



80.3429, -10.8933, 7.6207



97.6769, -14.4625, 9.8764



80.5629, -9.6718, 4.4782



37.3494, -6.1138, 4.0710



54.0952, -45.1081, 29.7611



13.3371, -10.7547, 6.5461

Inverse Universe

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



77.3290, 2.6890, 0.9452



93.4465, 4.6039, 0.5066



77.1002, 1.4537, 4.2047



35.4592, 2.4068, -0.1156



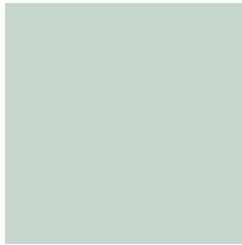
31.8267, 59.1805, -15.6833



7.9016, 14.8372, -5.0143

Previews

White Background



This preview shows how the HunterLab color 80.3412, -10.8915, 7.6195 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 80.3412, -10.8915, 7.6195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

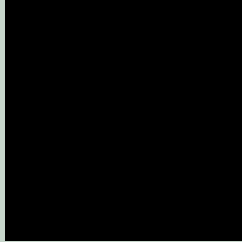
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

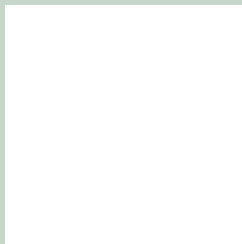
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.3412, -10.8915, 7.6195 Background



This preview shows how black text looks on a background with the HunterLab color 80.3412, -10.8915, 7.6195.



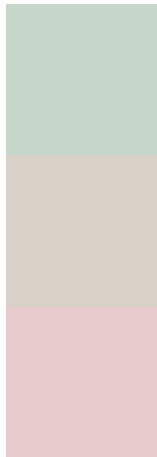
This preview shows how white text looks on a background with the HunterLab color 80.3412,

-10.8915, 7.6195.

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

80.3412, -10.8915, 7.6195

Protanopia

80.2309, -3.4777, 8.9959

Deuteranopia

80.1720, 5.8755, 6.7907



Tritanopia

80.2096, -3.4137, -4.3541

Trichromacy



Original Color

80.3412, -10.8915, 7.6195

Protanomaly

80.3164, -6.2832, 8.5886

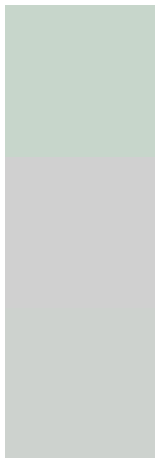
Deuteranomaly

80.1255, -0.4789, 7.0928

Tritanomaly

80.1293, -5.8850, 0.1930

Monochromacy



Original Color

80.3412, -10.8915, 7.6195

Achromatopsia

79.4202, -4.2377, 4.3151

Achromatomaly

79.7048, -6.5369, 5.5629

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.3412, -10.8915, 7.6195 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(199, 214, 203)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 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(199, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 80.3412, -10.8915, 7.6195 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(199, 214, 203) }
```


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

```
.border{ border-color:rgb(199, 214, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 214, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.3412, -10.8915, 7.6195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 203) }
```

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

```
.background{ background-color: rgb(199,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor