

Converting Colors

HunterLab(80.1285, -13.1836,
7.5067)

Have a look what the booklet for
HunterLab(80.1285, -13.1836,
7.5067) contains.

HunterLab(80.1562, -13.1790, 7.3692)	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(80.1562,
-13.1790, 7.3692)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D7CB
RGB	193, 215, 203
RGB Percent	76%, 84%, 80%
CMY	0.2431, 0.1568, 0.2039
CMYK	0.10, 0.00, 0.06, 0.16
HSL	147°, 22%, 80%
HSV	147°, 10%, 84%
XYZ	57.0723, 64.2502, 65.8935
YIQ	207.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

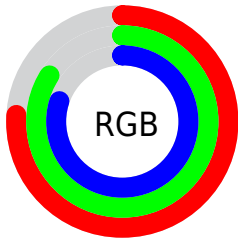
Format	Color
RYB	193, 208, 215
Decimal	12703691
CIELab	84.10, -9.62, 3.41
CIELCh	84, 10.211, 160.490
Yxy	64.2529, 0.3048, 0.3432
Android (android.graphics.Color)	4290893771 (0xFFC1D7CB)
YUV	207.0540, -1.9986, -12.3254
Hunter-Lab	80.1562, -13.1790, 7.3692

Details

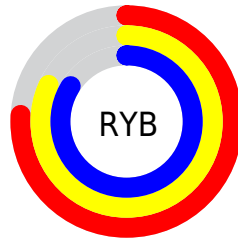
The HunterLab color $80.1562, -13.1790, 7.3692$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.4960, 5.2897, 1.2512$, and the grayscale version is $79.0270, -4.2167, 4.2937$.

A 20% lighter version of the original color is $99.5309, -6.9714, 4.8511$, and $57.2717, -10.9530, 5.6630$ is the 20% darker color. If you saturate the color by 10%, you get $78.1609, -21.1333, 10.2831$, and if you desaturate by 10%, it is $82.3818, -4.6060, 4.5438$.

Distribution



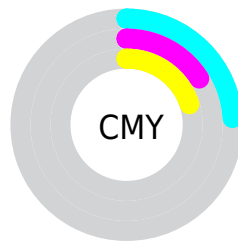
- Red (76%)
- Green (84%)
- Blue (80%)



- Red (76%)
- Yellow (82%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1562, -13.1790, 7.3692 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 80.1562, -13.1790, 7.3692 by changing the saturation by 10% instead.

■ 80.1562, -13.1790,
7.3692

■ 80.1562, -13.1790,
7.3692

209.7862,
-23.5999, 15.6025

■ 68.4511, -12.0781,
6.5727

■ 105.3447,
-15.4110, 9.0390

■ 57.3772, -10.9808,
5.7999

118.7723,
-16.5421, 9.9092

■ 46.9748, -9.8848,
5.0521

132.7265,
-17.6851, 10.8025

■ 37.2902, -8.7847,
4.3292

147.1879,
-18.8409, 11.7187

■ 28.3814, -7.6716,
3.6303

162.1395,
-20.0099, 12.6572

■ 20.3229, -6.5307,
2.9534

177.5657,

■ 13.2161, -5.3352,

-21.1926, 13.6176

2.2933

193.4522,
-22.3892, 14.5995

■ 6.7349, -6.5867,
2.4653

0.0000, NaN, NaN

■ 80.1562, -13.1790,
7.3692

■ 80.1562, -13.1790,
7.3692

■ 78.1609, -21.1333,
10.2831

■ 82.3818, -4.6060,
4.5438

■ 76.3964, -28.3849,
13.2556

■ 84.8250, 4.5098,
1.8246

■ 74.8677, -34.8638,
16.2565

■ 87.2052, 13.1935,
-1.1278

■ 73.5747, -40.5107,
19.2503

■ 87.6129, 15.3390,
-6.9034

■ 72.5139, -45.2854,
22.1988

■ 87.7971, 16.3049,
-9.5036

■ 71.6774, -49.1719,
25.0622

■ 71.0522, -52.1847,
27.8007

■ 70.6191, -54.3754,
30.3757

■ 70.3419, -55.8698,
32.6856

Harmonies

Analogous

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



80.1579, -10.4548, 11.0387



80.1562, -13.1790, 7.3692



80.1579, -13.5559, 2.6729

Triad

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



80.1579, -13.1807, 7.3704



80.1579, -2.5158, -5.2036



80.1579, 3.1945, 10.1009

Complementary

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



80.1562, -13.1790, 7.3692



75.4960, 5.2897, 1.2512

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.



80.1579, 5.4351, 6.0175



80.1562, -13.1790, 7.3692



80.1579, 2.0848, -2.9409

Square

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



80.1579, -13.1807, 7.3704



80.1579, -7.4804, -4.7859



80.1579, 5.0240, 1.2348



80.1579, -1.0313, 12.5468

Rectangle

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



80.1562, -13.1790, 7.3692



80.1579, -12.4328, -0.4384



80.1579, 5.0240, 1.2348



80.1579, 4.2095, 8.8850

Sweetspot

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



80.1579, -13.1807, 7.3704



99.1524, -8.5650, 6.4582



80.8996, -11.1015, 12.6795



45.7696, -4.3570, 3.1155

0.0000, NaN, NaN



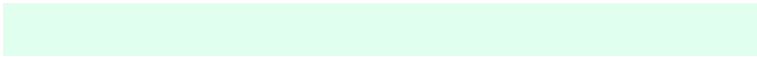
46.2646, -2.4686, 2.5136

Same Dimension

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



80.1579, -13.1807, 7.3704



96.7587, -17.8655, 9.5987



80.4930, -11.3118, 2.5880



37.4017, -5.8218, 3.3227



54.4189, -43.0887, 24.9972



13.4267, -10.1985, 5.2335

Inverse Universe

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



75.4960, 5.2897, 1.2512



90.0794, 8.6048, 0.8348



75.1585, 3.4786, 6.0631



35.4020, 2.1002, 0.6975



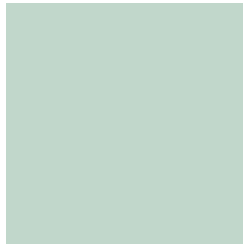
30.7164, 55.1873, -0.1863



7.6530, 13.9487, -1.5872

Previews

White Background



This preview shows how the HunterLab color 80.1562, -13.1790, 7.3692 looks on a white background.

Color Contrast Check

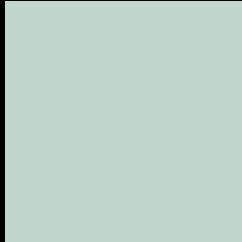
Large Text (above 18pt) WCAG AA × Fail

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 80.1562, -13.1790, 7.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

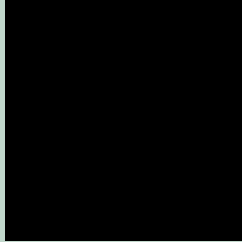
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

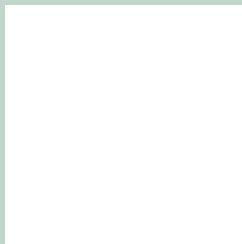
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.1562, -13.1790, 7.3692 Background



This preview shows how black text looks on a background with the HunterLab color 80.1562, -13.1790, 7.3692.



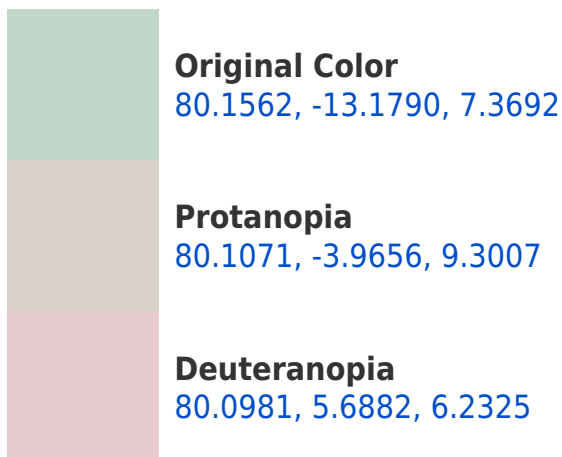
This preview shows how white text looks on a background with the HunterLab color 80.1562,

-13.1790, 7.3692.

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

80.0377, -5.5318, -5.1501

Trichromacy



Original Color

80.1562, -13.1790, 7.3692

Protanomaly

80.0150, -7.3996, 8.6852

Deuteranomaly

79.8656, -1.3117, 6.3122

Tritanomaly

79.9607, -8.0117, -0.5618

Monochromacy



Original Color

80.1562, -13.1790, 7.3692

Achromatopsia

78.9912, -4.2148, 4.2917

Achromatomaly

79.4393, -7.4697, 5.2377

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1562, -13.1790, 7.3692 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(193, 215, 203)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 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(193, 215, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1562, -13.1790, 7.3692 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(193, 215, 203) }
```


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

```
.border{ border-color:rgb(193, 215, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 215, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 203);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1562, -13.1790, 7.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 203) }
```

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

```
.background{ background-color: rgb(193,  
215, 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