

Converting Colors

HunterLab(80.0411, -12.1152,
-7.8924)

Have a look what the booklet for
HunterLab(80.0411, -12.1152,
-7.8924) contains.

HunterLab(79.9681, -11.8898, -8.0888)	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(79.9681,
-11.8898, -8.0888)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D7E9
RGB	178, 215, 233
RGB Percent	70%, 84%, 91%
CMY	0.3020, 0.1568, 0.0863
CMYK	0.24, 0.08, 0.00, 0.09
HSL	200°, 56%, 81%
HSV	200°, 24%, 91%
XYZ	57.3684, 63.9490, 86.4104
YIQ	205.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

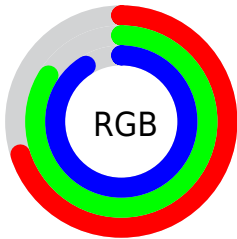
Format	Color
R _Y B	178, 200, 233
Decimal	11720681
CIE Lab	83.94, -8.22, -12.86
CIE LCh	84, 15.261, 237.408
Yxy	63.9516, 0.2762, 0.3079
Android (android.graphics.Color)	4289910761 (0xFFB2D7E9)
YUV	205.9890, 13.3164, -24.5464
Hunter-Lab	79.9681, -11.8898, -8.0888

Details

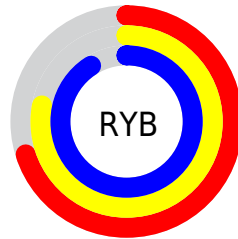
The HunterLab color $79.9681, -11.8898, -8.0888$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $77.4713, 5.8512, 15.6041$, and the grayscale version is $78.5125, -4.1892, 4.2657$.

A 20% lighter version of the original color is $98.0981, -12.0164, 3.0568$, and $57.0973, -9.8257, -8.1813$ is the 20% darker color. If you saturate the color by 10%, you get $75.9159, -13.9399, -13.6733$, and if you desaturate by 10%, it is $84.2139, -9.2494, -2.5454$.

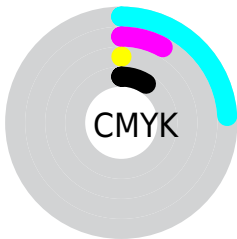
Distribution



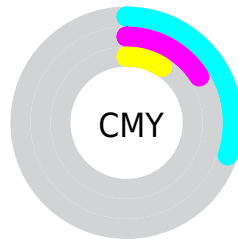
- Red (70%)
- Green (84%)
- Blue (91%)



- Red (70%)
- Yellow (78%)
- Blue (91%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.9681, -11.8898, -8.0888 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 79.9681, -11.8898, -8.0888 by changing the saturation by 10% instead.

■ 79.9681, -11.8898,
-8.0888

■ 79.9681, -11.8898,
-8.0888

209.5268,
-21.7914, -5.1606

■ 68.2726, -10.8595,
-8.1811

■ 105.1386,
-13.9897, -7.7408

■ 57.2089, -9.8376,
-8.2159

118.5578,
-15.0592, -7.4948

■ 46.8173, -8.8225,
-8.1868

132.5038,
-16.1432, -7.2043

■ 37.1445, -7.8096,
-8.0877

146.9575,
-17.2421, -6.8717

■ 28.2483, -6.7922,
-7.9123

161.9015,
-18.3562, -6.4993

■ 20.2038, -5.7584,
-7.6550

177.3203,

■ 13.1130, -4.6865,

-19.4857, -6.0888

-7.3180

193.1997,
-20.6308, -5.6421

6.6049, -5.7759,
-8.2548

0.0000, NaN, -NF

79.9681, -11.8898,
-8.0888

79.9681, -11.8898,
-8.0888

75.9159, -13.9399,
-13.6733

84.2139, -9.2494,
-2.5454

72.0667, -15.3303,
-19.2854

88.6350, -6.0781,
2.9416

68.4358, -15.9965,
-24.8993

93.2200, -2.4353,
8.3671

65.0362, -15.8785,
-30.4833

96.3079, -4.0421,
11.8138

■ 61.8782, -14.9306,
-35.9996

■ 98.7287, -8.0438,
14.3991

■ 58.9670, -13.1328,
-41.4087

■ 99.3294, -9.0222,
15.0321

■ 56.2989, -10.5097,
-46.6805

■ 54.6946, -8.4997,
-50.0151

Harmonies

Analogous

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



79.9697, -16.6736, -2.2220



79.9681, -11.8898, -8.0888



79.9697, -4.9223, -10.5977

Triad

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



79.9697, -11.8909, -8.0874



79.9697, 10.6490, 3.7302



79.9697, -10.8011, 15.5976

Complementary

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



79.9681, -11.8898, -8.0888



77.4713, 5.8512, 15.6041

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.



79.9697, -3.6182, 16.8790



79.9681, -11.8898, -8.0888



79.9697, 8.9362, 10.4132

Square

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



79.9697, -11.8909, -8.0874



79.9697, 8.2435, -3.3936



79.9697, 3.6448, 15.0687



79.9697, -16.0609, 11.3946

Rectangle

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



79.9681, -11.8898, -8.0888



79.9697, 0.0885, -9.8726



79.9697, 3.6448, 15.0687



79.9697, -8.5396, 16.3664

Sweetspot

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



79.9697, -11.8909, -8.0874



96.4884, -8.0003, 1.1812



84.6776, -27.1916, 15.3774



44.5018, -3.8019, 0.3761

0.0000, NaN, NaN



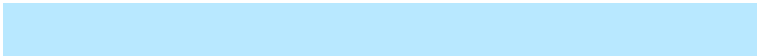
46.2646, -2.4686, 2.5136

Same Dimension

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



79.9697, -11.8909, -8.0874



86.5272, -14.2874, -11.7594



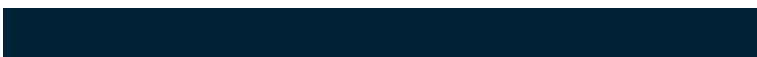
71.6600, 1.8076, -19.5959



40.3024, -3.7476, -0.1263



41.4845, -6.8452, -37.0752



12.3512, -3.0144, -8.9306

Inverse Universe

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



73.5338, 21.3129, -6.1547



78.2180, 29.2800, -8.9540



85.5979, -7.9798, 23.4300



39.0193, 2.5915, 0.1424



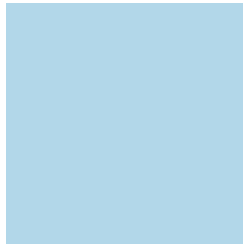
33.5114, 61.5678, -10.7370



9.4838, 17.5860, -4.2964

Previews

White Background



This preview shows how the HunterLab color 79.9681, -11.8898, -8.0888 looks on a white background.

Color Contrast Check

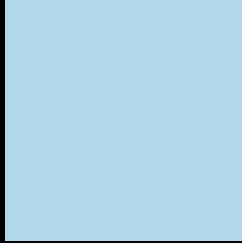
Large Text (above 18pt) WCAG AA × Fail

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 79.9681, -11.8898, -8.0888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

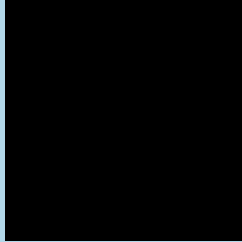
Any Text WCAG AA ✓ Pass

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 79.9681, -11.8898, -8.0888 Background



This preview shows how black text looks on a background with the HunterLab color 79.9681, -11.8898, -8.0888.



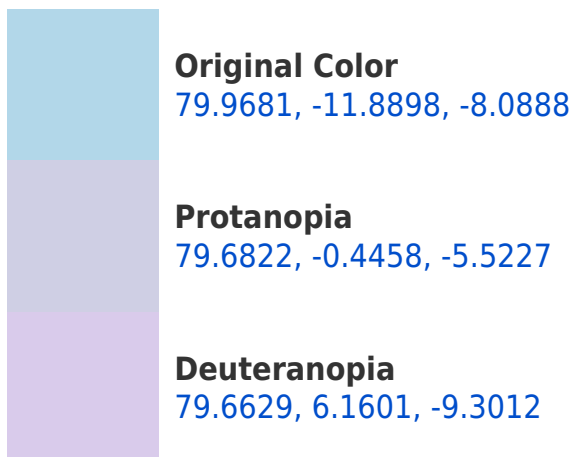
This preview shows how white text looks on a background with the HunterLab color 79.9681,

-11.8898, -8.0888.

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

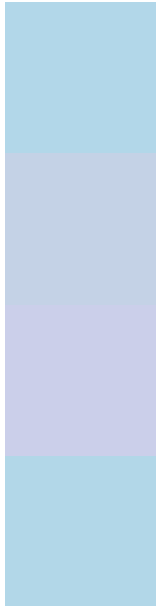




Tritanopia

79.9325, -12.0885, -7.5858

Trichromacy



Original Color

79.9681, -11.8898, -8.0888

Protanomaly

79.7133, -4.9303, -6.6497

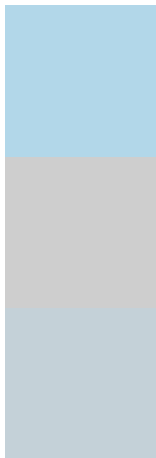
Deuteranomaly

79.5378, -0.5151, -9.0240

Tritanomaly

79.9325, -12.0885, -7.5858

Monochromacy



Original Color

79.9681, -11.8898, -8.0888

Achromatopsia

78.5625, -4.1919, 4.2684

Achromatomaly

78.9269, -7.0403, -0.2912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.9681, -11.8898, -8.0888 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(178, 215, 233)` looks like.

```
.text, #text, p{  
    color:rgb(178, 215, 233)  
}
```

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(178, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 215, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 79.9681, -11.8898, -8.0888 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(178, 215, 233) }
```


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

```
.border{ border-color:rgb(178, 215, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 215, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(178, 215,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.9681, -11.8898, -8.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 215, 233) }
```

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

```
.background{ background-color: rgb(178,  
215, 233) }
```

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