

Converting Colors

HunterLab(83.7756, -18.9976,
1.7405)

Have a look what the booklet for
HunterLab(83.7756, -18.9976,
1.7405) contains.

HunterLab(83.7196, -18.9138, 1.8158)	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(83.7196,
-18.9138, 1.8158)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E3DF
RGB	181, 227, 223
RGB Percent	71%, 89%, 87%
CMY	0.2902, 0.1098, 0.1255
CMYK	0.20, 0.00, 0.02, 0.11
HSL	175°, 45%, 80%
HSV	175°, 20%, 89%
XYZ	59.8445, 70.0897, 80.1866
YIQ	212.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

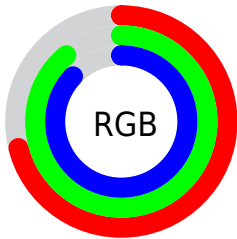
Format	Color
RYB	181, 205, 227
Decimal	11920351
CIELab	87.04, -15.60, -2.95
CIELCh	87, 15.873, 190.722
Yxy	70.0926, 0.2848, 0.3336
Android (android.graphics.Color)	4290110431 (0xFFB5E3DF)
YUV	212.7900, 5.0335, -27.8798
Hunter-Lab	83.7196, -18.9138, 1.8158

Details

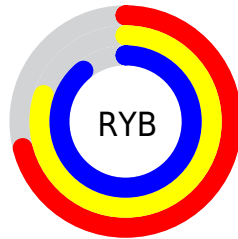
The HunterLab color $83.7196, -18.9138, 1.8158$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $72.7210, 12.5563, 7.6059$, and the grayscale version is $81.4694, -4.3470, 4.4264$.

A 20% lighter version of the original color is $98.4465, -10.7827, 3.4954$, and $60.6994, -16.3180, 0.9315$ is the 20% darker color. If you saturate the color by 10%, you get $82.1355, -24.8934, 0.7827$, and if you desaturate by 10%, it is $85.5401, -12.2243, 3.1327$.

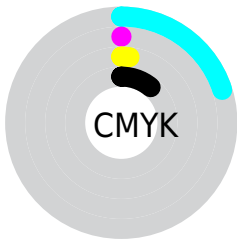
Distribution



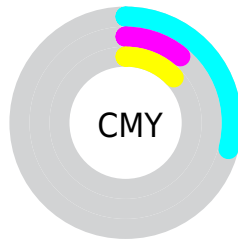
- Red (71%)
- Green (89%)
- Blue (87%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.7196, -18.9138, 1.8158 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 83.7196, -18.9138, 1.8158 by changing the saturation by 10% instead.

■ 83.7196, -18.9138,
1.8158

■ 83.7196, -18.9138,
1.8158

214.6800,
-31.5648, 7.9639

■ 71.8346, -17.5092,
1.3017

■ 109.2432,
-21.7092, 2.9602

■ 60.5706, -16.0908,
0.8273

122.8280,
-23.1041, 3.5839

■ 49.9660, -14.6527,
0.3971

136.9335,
-24.5009, 4.2401

■ 40.0646, -13.1846,
0.0150

151.5410,
-25.9014, 4.9274

■ 30.9205, -11.6712,
-0.3137

166.6339,
-27.3070, 5.6445

■ 22.6025, -10.0876,
-0.5818

182.1970,

■ 15.2026, -8.3911,

-28.7188, 6.3903

-0.7791

198.2166,
-30.1378, 7.1637

■ 8.8296, -8.1682,
-0.9251

0.0000, NaN, NaN

■ 83.7196, -18.9138,
1.8158

■ 83.7196, -18.9138,
1.8158

■ 82.1355, -24.8934,
0.7827

■ 85.5401, -12.2243,
3.1327

■ 80.7829, -30.1111,
0.0379

■ 87.5889, -4.8794,
4.7165

■ 79.6609, -34.5352,
-0.4150

■ 89.8625, 3.0547,
6.5521

■ 78.7629, -38.1521,
-0.5807

■ 90.5344, 5.4473,
6.4187

■ 78.0783, -40.9709,
-0.4715

■ 90.5963, 5.7795,
5.5344

■ 77.5917, -43.0283,
-0.1084

■ 90.6589, 6.1150,
4.6413

■ 77.2816, -44.3927,
0.4783

■ 90.7222, 6.4538,
3.7394

■ 77.1090, -45.2068,
1.2090

■ 90.7861, 6.7959,
2.8289

■ 90.8507, 7.1412,
1.9096

Harmonies

Analogous

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



83.7213, -18.3669, 9.2003



83.7196, -18.9138, 1.8158



83.7213, -15.7034, -5.4552

Triad

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



83.7213, -18.9151, 1.8171



83.7213, 5.6967, -7.1822



83.7213, 0.6157, 17.1106

Complementary

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



83.7196, -18.9138, 1.8158



72.7210, 12.5563, 7.6059

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.



83.7213, 7.3853, 13.4678



83.7196, -18.9138, 1.8158



83.7213, 10.3934, -0.3681

Square

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



83.7213, -18.9151, 1.8171



83.7213, -1.6196, -10.9625



83.7213, 11.0226, 7.2077



83.7213, -7.2860, 17.5779

Rectangle

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



83.7196, -18.9138, 1.8158



83.7213, -11.7898, -9.0891



83.7213, 11.0226, 7.2077



83.7213, 3.1068, 16.2340

Sweetspot

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



83.7213, -18.9151, 1.8171



98.5532, -10.4925, 4.3016



82.8652, -24.4611, 19.3531



45.5250, -5.1069, 1.9361

0.0000, NaN, NaN



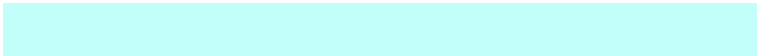
46.2646, -2.4686, 2.5136

Same Dimension

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



83.7213, -18.9151, 1.8171



94.7864, -24.3341, 1.5754



77.9597, -9.0661, -7.3923



40.3901, -5.4944, 1.5319



58.8925, -34.4778, 0.8171



16.0293, -9.2525, -0.0618

Inverse Universe

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



72.7210, 12.5563, 7.6059



79.9274, 18.2668, 9.4325



77.9107, 2.3522, 14.7804



37.9318, 1.5130, 2.8148



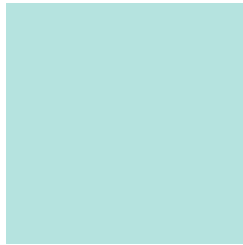
30.9197, 53.0674, 19.0763



8.4471, 14.5810, 4.5658

Previews

White Background



This preview shows how the HunterLab color 83.7196, -18.9138, 1.8158 looks on a white background.

Color Contrast Check

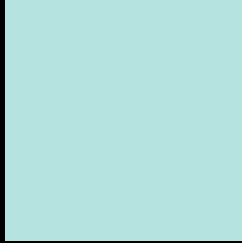
Large Text (above 18pt) WCAG AA × Fail

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 83.7196, -18.9138, 1.8158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

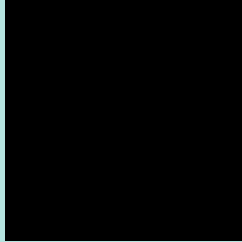
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

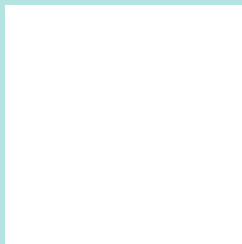
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.7196, -18.9138, 1.8158 Background



This preview shows how black text looks on a background with the HunterLab color 83.7196, -18.9138, 1.8158.



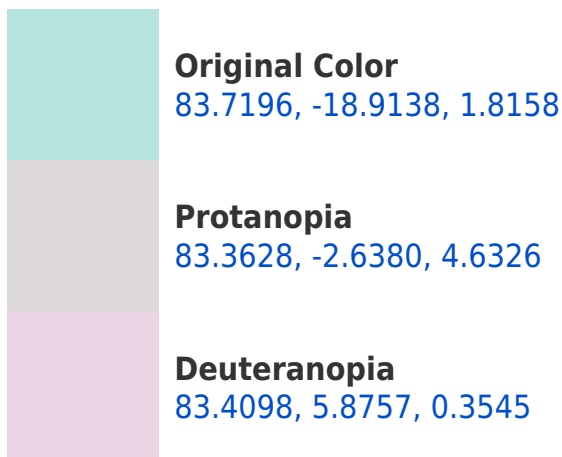
This preview shows how white text looks on a background with the HunterLab color 83.7196,

-18.9138, 1.8158.

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

83.6878, -12.7397, -8.1694

Trichromacy



Original Color

83.7196, -18.9138, 1.8158

Protanomaly

83.3203, -9.0588, 3.4937

Deuteranomaly

83.3721, -3.6789, 0.6509

Tritanomaly

83.6893, -14.8830, -4.3742

Monochromacy



Original Color

83.7196, -18.9138, 1.8158

Achromatopsia

81.5713, -4.3524, 4.4319

Achromatomaly

82.2010, -9.9064, 3.1295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.7196, -18.9138, 1.8158 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(181, 227, 223)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 223)  
}
```

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(181, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 223) }
```

Border

The CSS property to change the border of an element to HunterLab 83.7196, -18.9138, 1.8158 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(181, 227, 223) }
```


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

```
.border{ border-color:rgb(181, 227, 223) }
```

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

Here you see how a box with a 4 pixel rgb(181, 227, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(181, 227,  
223) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.7196, -18.9138, 1.8158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 223) }
```

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

```
.background{ background-color: rgb(181,  
227, 223) }
```

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