

Converting Colors

HunterLab(83.8089, -19.1526,
-4.7212)

Have a look what the booklet for
HunterLab(83.8089, -19.1526,
-4.7212) contains.

HunterLab(83.8532, -19.2392, -4.7777)	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(83.8532,
-19.2392, -4.7777)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE4EC
RGB	172, 228, 236
RGB Percent	67%, 89%, 93%
CMY	0.3255, 0.1059, 0.0745
CMYK	0.27, 0.03, 0.00, 0.07
HSL	187°, 63%, 80%
HSV	187°, 27%, 93%
XYZ	59.8970, 70.3136, 89.7719
YIQ	212.1680, -35.9440, -9.3840

Conversions

Conversions Part 2

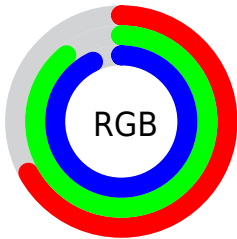
Format	Color
RYB	172, 202, 236
Decimal	11330796
CIELab	87.15, -15.94, -9.69
CIELCh	87, 18.657, 211.295
Yxy	70.3164, 0.2723, 0.3196
Android (android.graphics.Color)	4289520876 (0xFFACE4EC)
YUV	212.1680, 11.7492, -35.2273
Hunter-Lab	83.8532, -19.2392, -4.7777

Details

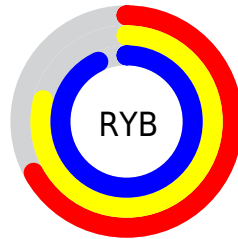
The HunterLab color **83.8532, -19.2392, -4.7777** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73.1125, 14.5371, 13.6541**, and the grayscale version is **81.1763, -4.3314, 4.4105**.

A 20% lighter version of the original color is **97.6719, -13.5318, 2.5181**, and **60.8556, -16.5866, -4.8607** is the 20% darker color. If you saturate the color by 10%, you get **81.4064, -23.2519, -8.0430**, and if you desaturate by 10%, it is **86.5243, -14.5058, -1.3175**.

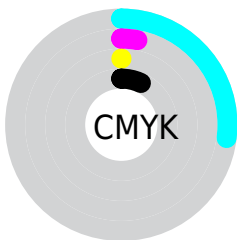
Distribution



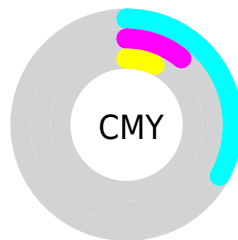
- Red (67%)
- Green (89%)
- Blue (93%)



- Red (67%)
- Yellow (79%)
- Blue (93%)



- Cyan (27%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8532, -19.2392, -4.7777 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 83.8532, -19.2392, -4.7777 by changing the saturation by 10% instead.

■ 83.8532, -19.2392,
-4.7777

■ 83.8532, -19.2392,
-4.7777

214.8628,
-32.0191, -0.7703

■ 71.9615, -17.8167,
-5.0105

■ 109.3892,
-22.0670, -4.1635

■ 60.6905, -16.3796,
-5.1914

122.9798,
-23.4772, -3.7910

■ 50.0784, -14.9217,
-5.3140

137.0908,
-24.8887, -3.3779

■ 40.1691, -13.4322,
-5.3726

151.7037,
-26.3034, -2.9264

■ 31.0163, -11.8953,
-5.3599

166.8019,
-27.7226, -2.4383

■ 22.6888, -10.2859,
-5.2669

182.3701,

■ 15.2783, -8.5599,

-29.1477, -1.9153

-5.0842

198.3946,
-30.5796, -1.3588

■ 8.8980, -8.2826,
-4.8433

0.0000, NaN, -NF

■ 83.8532, -19.2392,
-4.7777

■ 83.8532, -19.2392,
-4.7777

■ 81.4064, -23.2519,
-8.0430

■ 86.5243, -14.5058,
-1.3175

■ 79.1836, -26.4925,
-11.0920

■ 89.4080, -9.1045,
2.3079

■ 77.1879, -28.9272,
-13.9006

■ 92.4978, -3.0967,
6.0749

■ 75.4173, -30.5397,
-16.4510

■ 94.6145, -0.5317,
8.5621

■ 73.8644, -31.3389,
-18.7335

■ 95.5341, -2.0961,
9.5801

■ 72.5153, -31.3667,
-20.7503

■ 96.4596, -3.6556,
10.5956

■ 71.3448, -30.7156,
-22.5247

■ 97.3910, -5.2103,
11.6088

■ 71.0248, -30.4627,
-23.0146

■ 98.3281, -6.7601,
12.6195

■ 99.2708, -8.3049,
13.6277

Harmonies

Analogous

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



83.8549, -21.6431, 4.1784



83.8532, -19.2392, -4.7777



83.8549, -12.9084, -11.7958

Triad

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



83.8549, -19.2403, -4.7764



83.8549, 11.8151, -4.0374



83.8549, -4.8833, 19.8730

Complementary

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



83.8532, -19.2392, -4.7777



73.1125, 14.5371, 13.6541

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.



83.8549, 4.2976, 18.1748



83.8532, -19.2392, -4.7777



83.8549, 14.1878, 4.9487

Square

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



83.8549, -19.2403, -4.7764



83.8549, 5.0286, -11.3375



83.8549, 11.3802, 12.9408



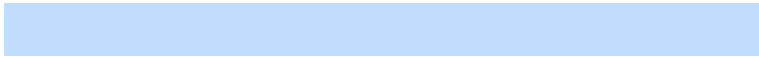
83.8549, -13.5806, 17.8564

Rectangle

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



83.8532, -19.2392, -4.7777



83.8549, -7.1720, -14.0828



83.8549, 11.3802, 12.9408



83.8549, -1.7511, 19.7191

Sweetspot

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



83.8549, -19.2403, -4.7764



97.3234, -10.5095, 2.1506



84.8743, -32.4509, 21.7647



44.8009, -5.2905, 0.7144

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.8549, -19.2403, -4.7764



89.9191, -23.7430, -7.3894



73.8574, -3.5386, -18.2571



40.9657, -4.8153, 0.6669



52.8560, -22.7768, -16.8968



15.1125, -6.7666, -4.2821

Inverse Universe

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



72.7606, 28.0823, -14.4863



75.4257, 38.8179, -20.4255



82.2397, -1.8607, 22.5039



39.0890, 2.9645, -0.8471



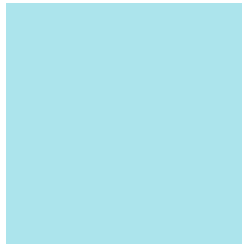
35.0901, 67.1696, -32.1837



9.8791, 18.9842, -9.6306

Previews

White Background



This preview shows how the HunterLab color 83.8532, -19.2392, -4.7777 looks on a white background.

Color Contrast Check

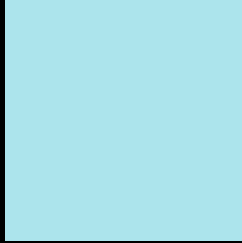
Large Text (above 18pt) WCAG AA × Fail

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 83.8532, -19.2392, -4.7777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

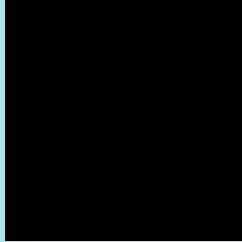
Any Text WCAG AA ✓ Pass

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 83.8532, -19.2392, -4.7777 Background



This preview shows how black text looks on a background with the HunterLab color 83.8532, -19.2392, -4.7777.



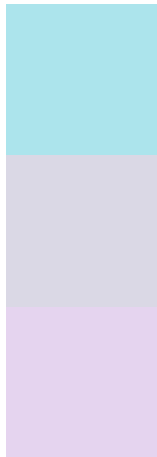
This preview shows how white text looks on a background with the HunterLab color 83.8532,

-19.2392,-4.7777.

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

83.8532, -19.2392, -4.7777

Protanopia

83.4711, -1.4883, -1.2456

Deuteranopia

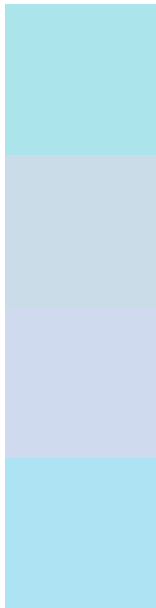
83.6522, 6.0424, -6.2270



Tritanopia

83.9818, -16.4519, -9.5263

Trichromacy



Original Color

83.8532, -19.2392, -4.7777

Protanomaly

83.3247, -8.1890, -3.1218

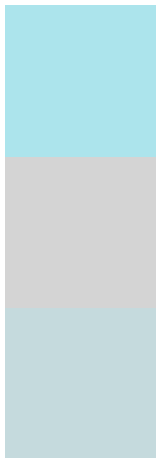
Deuteranomaly

83.5019, -3.9379, -6.0501

Tritanomaly

83.8053, -17.3088, -8.0935

Monochromacy



Original Color

83.8532, -19.2392, -4.7777

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

81.9961, -10.3769, 0.8803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8532, -19.2392, -4.7777 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(172, 228, 236)` looks like.

```
.text, #text, p{  
    color:rgb(172, 228, 236)  
}
```

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(172, 228, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 228, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8532, -19.2392, -4.7777 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(172, 228, 236) }
```


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

```
.border{ border-color:rgb(172, 228, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 228, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 228, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 228, 236);  
box-shadow:4px 4px 4px 4px rgb(172, 228,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.8532, -19.2392, -4.7777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 228, 236) }
```

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

```
.background{ background-color: rgb(172,  
228, 236) }
```

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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