

Converting Colors

HunterLab(84.8856, -16.5044,
-1.7377)

Have a look what the booklet for
HunterLab(84.8856, -16.5044,
-1.7377) contains.

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Color

**HunterLab(84.7403,
-16.2196, -2.0053)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE4E9
RGB	186, 228, 233
RGB Percent	73%, 89%, 91%
CMY	0.2706, 0.1059, 0.0863
CMYK	0.20, 0.02, 0.00, 0.09
HSL	186°, 52%, 82%
HSV	186°, 20%, 91%
XYZ	62.7011, 71.8092, 87.6467
YIQ	216.0120, -26.6370, -7.3490

Conversions

Conversions Part 2

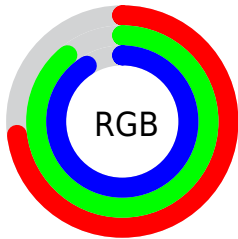
Format	Color
R _Y B	186, 208, 233
Decimal	12248297
CIE Lab	87.88, -12.49, -6.95
CIE LCh	88, 14.288, 209.095
Yxy	71.8121, 0.2822, 0.3232
Android (android.graphics.Color)	4290438377 (0xFFBAE4E9)
YUV	216.0120, 8.3751, -26.3205
Hunter-Lab	84.7403, -16.2196, -2.0053

Details

The HunterLab color $84.7403, -16.2196, -2.0053$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $76.2434, 9.6175, 11.0232$, and the grayscale version is $82.8465, -4.4205, 4.5012$.

A 20% lighter version of the original color is $98.8912, -9.2146, 4.0531$, and $61.6174, -13.9847, -2.3004$ is the 20% darker color. If you saturate the color by 10%, you get $82.3253, -20.8713, -5.1580$, and if you desaturate by 10%, it is $87.3757, -10.8857, 1.3380$.

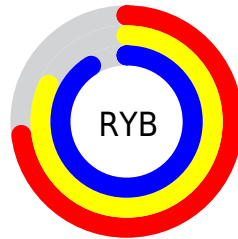
Distribution



Red (73%)

Green (89%)

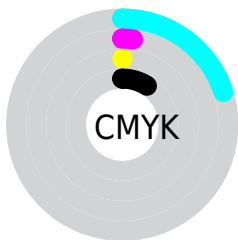
Blue (91%)



Red (73%)

Yellow (82%)

Blue (91%)

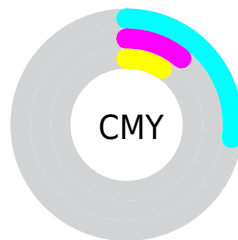


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7403, -16.2196, -2.0053 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 84.7403, -16.2196, -2.0053 by changing the saturation by 10% instead.

■ 84.7403, -16.2196,
-2.0053

■ 84.7403, -16.2196,
-2.0053

216.0758,
-27.7274, 2.8818

■ 72.8047, -14.9729,
-2.3529

■ 110.3582,
-18.7235, -1.1740

■ 61.4873, -13.7225,
-2.6532

123.9873,
-19.9827, -0.6984

■ 50.8261, -12.4649,
-2.9007

138.1354,
-21.2493, -0.1854

■ 40.8640, -11.1927,
-3.0897

152.7841,
-22.5246, 0.3630

■ 31.6542, -9.8950,
-3.2135

167.9169,
-23.8094, 0.9454

■ 23.2640, -8.5545,
-3.2631

183.5187,

■ 15.7831, -7.1409,

-25.1044, 1.5601

-3.2263

199.5758,
-26.4103, 2.2060

■ 9.3389, -6.3243,
-3.0887

0.0000, NaN, -NF

■ 84.7403, -16.2196,
-2.0053

■ 84.7403, -16.2196,
-2.0053

■ 82.3253, -20.8713,
-5.1580

■ 87.3757, -10.8857,
1.3380

■ 80.1306, -24.7846,
-8.0995

■ 90.2191, -4.9237,
4.8433

■ 78.1607, -27.9190,
-10.8058

■ 93.1720, 1.2906,
8.3772

■ 76.4151, -30.2480,
-13.2582

■ 93.9373, -0.0271,
9.2254

74.8889, -31.7660,
-15.4442

94.7069, -1.3413,
10.0720

73.5720, -32.4946,
-17.3608

95.4807, -2.6522,
10.9170

72.4473, -32.4903,
-19.0183

96.2587, -3.9596,
11.7604

71.4891, -31.9221,
-20.4444

97.0408, -5.2636,
12.6022

97.8269, -6.5641,
13.4424

Harmonies

Analogous

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



84.7420, -17.8537, 4.8194



84.7403, -16.2196, -2.0053



84.7420, -11.4803, -7.4078

Triad

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



84.7420, -16.2209, -2.0040



84.7420, 7.6096, -2.3915



84.7420, -4.3086, 16.6877

Complementary

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



84.7403, -16.2196, -2.0053



76.2434, 9.6175, 11.0232

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.



84.7420, 2.6597, 15.0954



84.7403, -16.2196, -2.0053



84.7420, 9.6796, 4.4056

Square

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



84.7420, -16.2209, -2.0040



84.7420, 2.2709, -7.6443



84.7420, 7.8393, 10.7355



84.7420, -11.1155, 15.2747

Rectangle

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



84.7403, -16.2196, -2.0053



84.7420, -7.1144, -9.2773



84.7420, 7.8393, 10.7355



84.7420, -1.9065, 16.4885

Sweetspot

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



84.7420, -16.2209, -2.0040



98.0711, -9.4041, 3.0701



85.1274, -25.7595, 17.7936



45.2773, -4.5490, 1.3030

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.7420, -16.2209, -2.0040



92.7909, -20.0968, -3.6255



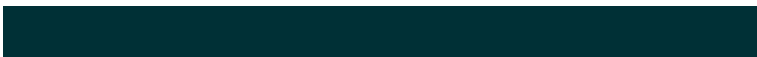
77.3891, -4.5528, -11.4553



41.0272, -4.9134, 0.7397



53.9526, -24.1755, -15.2482



15.3764, -7.0992, -3.8940

Inverse Universe

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



76.1869, 19.3575, -9.8380



81.5859, 26.8011, -14.0876



83.1051, -2.4587, 18.0228



39.0955, 2.9993, -0.9393



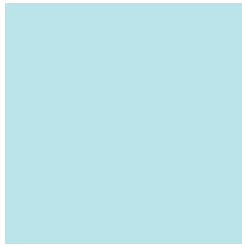
35.2581, 67.7590, -34.4131



9.9202, 19.1278, -10.1726

Previews

White Background



This preview shows how the HunterLab color 84.7403, -16.2196, -2.0053 looks on a white background.

Color Contrast Check

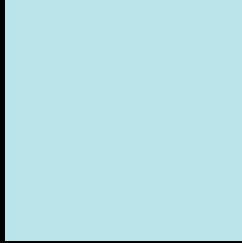
Large Text (above 18pt) WCAG AA × Fail

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 84.7403, -16.2196, -2.0053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

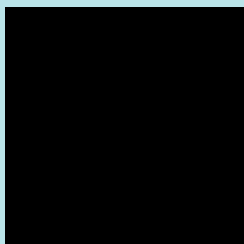
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

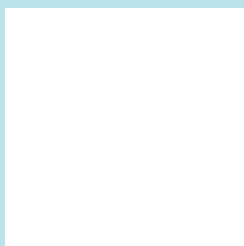
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.7403, -16.2196, -2.0053 Background



This preview shows how black text looks on a background with the HunterLab color 84.7403, -16.2196, -2.0053.



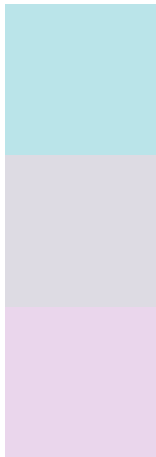
This preview shows how white text looks on a background with the HunterLab color 84.7403,

-16.2196,-2.0053.

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

84.7403, -16.2196, -2.0053

Protanopia

84.6057, -2.4521, 1.1629

Deuteranopia

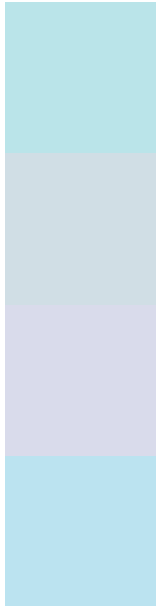
84.6414, 6.0770, -3.3262



Tritanopia

84.6261, -12.5438, -8.0373

Trichromacy



Original Color

84.7403, -16.2196, -2.0053

Protanomaly

84.4450, -7.6833, -0.1467

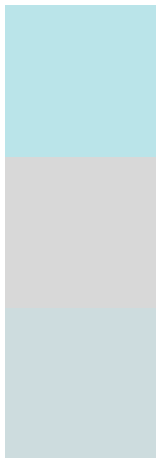
Deuteranomaly

84.5062, -2.2611, -3.1116

Tritanomaly

84.7315, -14.1056, -5.7210

Monochromacy



Original Color

84.7403, -16.2196, -2.0053

Achromatopsia

82.8665, -4.4215, 4.5023

Achromatomaly

83.3303, -8.8319, 2.0230

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.7403, -16.2196, -2.0053 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(186, 228, 233)` looks like.

```
.text, #text, p{  
    color:rgb(186, 228, 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(186, 228, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 228, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 84.7403, -16.2196, -2.0053 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(186, 228, 233) }
```


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

```
.border{ border-color:rgb(186, 228, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 228, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 228, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 228, 233);  
box-shadow:4px 4px 4px 4px rgb(186, 228,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.7403, -16.2196, -2.0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 228, 233) }
```

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

```
.background{ background-color: rgb(186,  
228, 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](#).

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