

Converting Colors

HunterLab(87.1968, -15.9576,
-6.9347)

Have a look what the booklet for
HunterLab(87.1968, -15.9576,
-6.9347) contains.

HunterLab(87.2856, -16.0211, -6.8189)	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(87.2856,
-16.0211, -6.8189)**

Conversions

Conversions Part 1	
Format	Color
Hex	BBEAF8
RGB	187, 234, 248
RGB Percent	73%, 92%, 97%
CMY	0.2667, 0.0823, 0.0274
CMYK	0.25, 0.06, 0.00, 0.03
HSL	194°, 81%, 85%
HSV	194°, 25%, 97%
XYZ	66.8596, 76.1878, 99.9888
YIQ	221.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

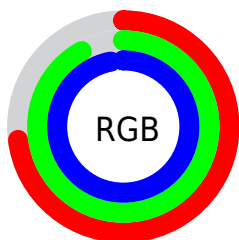
Format	Color
RYB	187, 214, 248
Decimal	12315384
CIELab	89.95, -11.99, -11.73
CIELCh	90, 16.774, 224.377
Yxy	76.1908, 0.2751, 0.3135
Android (android.graphics.Color)	4290505464 (0xFFBBEAF8)
YUV	221.5430, 13.0433, -30.2942
Hunter-Lab	87.2856, -16.0211, -6.8189

Details

The HunterLab color 87.2856, -16.0211, -6.8189 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 80.8196, 10.0079, 15.4849, and the grayscale version is 85.2254, -4.5474, 4.6305.

A 20% lighter version of the original color is 98.9814, -8.8975, 4.1659, and 63.6805, -13.4726, -7.4271 is the 20% darker color. If you saturate the color by 10%, you get 83.7494, -19.2878, -11.6030, and if you desaturate by 10%, it is 91.0418, -12.0624, -1.9470.

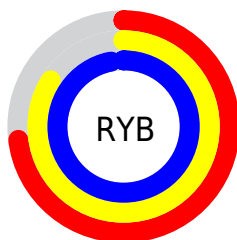
Distribution



Red (73%)

Green (92%)

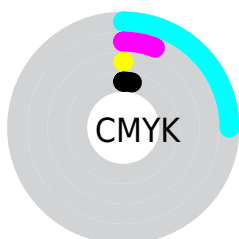
Blue (97%)



Red (73%)

Yellow (84%)

Blue (97%)

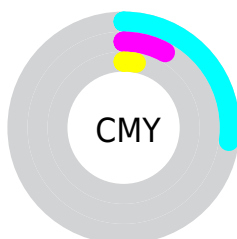


Cyan (25%)

Magenta (6%)

Yellow (0%)

Black (3%)



Cyan (27%)


Magenta (8%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.2856, -16.0211, -6.8189 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 87.2856, -16.0211, -6.8189 by changing the saturation by 10% instead.


 87.2856, -16.0211,
-6.8189

 87.2856, -16.0211,
-6.8189


219.5452,
-27.3642, -3.3327

 75.2257, -14.7989,
-6.9868


 113.1356,
-18.4810, -6.3298

 63.7772, -13.5754,
-7.1013


126.8737,
-19.7203, -6.0177

 52.9769, -12.3476,
-7.1563


141.1269,
-20.9681, -5.6636

 42.8661, -11.1091,
-7.1462

155.8771,
-22.2255, -5.2698

 33.4956, -9.8505,
-7.0644

171.1081,
-23.4932, -4.8382

 24.9294, -8.5570,
-6.9036


186.8052,

 17.2513, -7.2033,


-24.7719, -4.3704


-6.6573


202.9550,
-26.0621, -3.8681


 10.5795, -5.7914,
-6.3289

0.0000, NaN, -NF


 87.2856, -16.0211,
-6.8189


 87.2856, -16.0211,
-6.8189


 83.7494, -19.2878,
-11.6030


 91.0418, -12.0624,
-1.9470


 80.4388, -21.7959,
-16.2745

 95.0013, -7.4727,
2.9836

 77.3645, -23.4904,
-20.7998

 98.5291, -4.4776,
7.1943

 74.5326, -24.3282,
-25.1453

 99.7785, -6.5508,
8.5970

■ 71.9450, -24.2873,
-29.2800

■ 69.5968, -23.3783,
-33.1805

■ 67.4722, -21.6601,
-36.8417

■ 66.3928, -20.4891,
-38.7552

Harmonies

Analogous

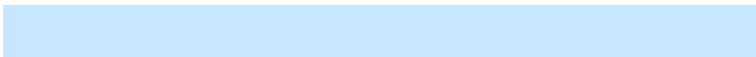
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2874, -19.9138, 0.8083



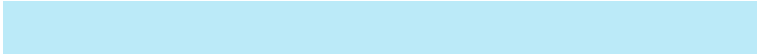
87.2856, -16.0211, -6.8189



87.2874, -9.0135, -11.5595

Triad

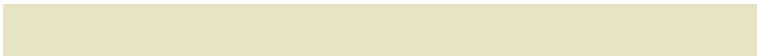
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2874, -16.0223, -6.8175



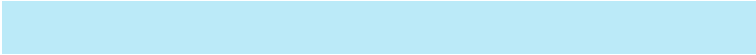
87.2874, 11.6159, 0.4665



87.2874, -8.6771, 18.4906

Complementary

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



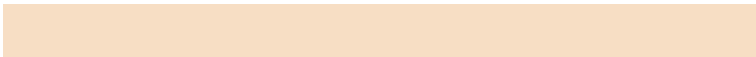
87.2856, -16.0211, -6.8189



80.8196, 10.0079, 15.4849

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.



87.2874, -0.2238, 18.4180



87.2856, -16.0211, -6.8189



87.2874, 11.7144, 8.5185

Square

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



87.2874, -16.0223, -6.8175



87.2874, 7.0463, -7.0883



87.2874, 7.3105, 14.9256



87.2874, -15.7842, 15.1344

Rectangle

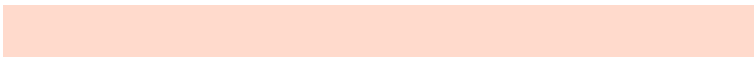
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



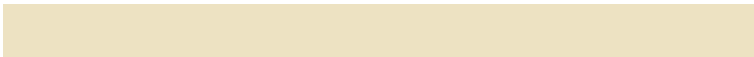
87.2856, -16.0211, -6.8189



87.2874, -3.4133, -12.1872



87.2874, 7.3105, 14.9256



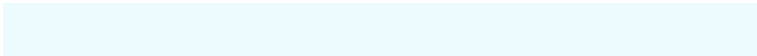
87.2874, -5.9040, 18.8554

Sweetspot

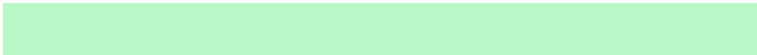
The Sweet Spot groups the original color and five complimentary colors.



87.2874, -16.0223, -6.8175



97.0488, -8.9125, 1.8464



90.4883, -31.0939, 19.3222



44.7836, -4.2598, 0.7116

0.0000, NaN, NaN



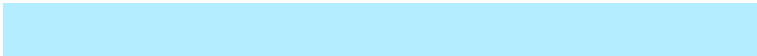
46.2646, -2.4686, 2.5136

Same Dimension

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



87.2874, -16.0223, -6.8175



88.0745, -18.4665, -9.7402



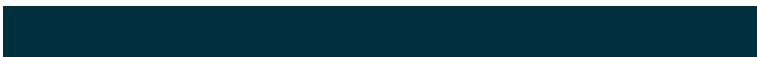
77.8874, -0.8622, -19.6245



43.4666, -4.5776, 0.2616



49.0249, -15.3786, -28.0789



15.4424, -5.4029, -7.6384

Inverse Universe

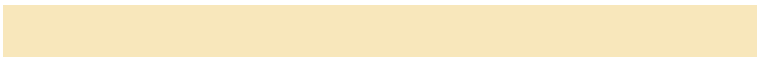
The Inverse Universe completely reimagines the original color for something new.



78.3833, 25.2779, -10.1411



77.0978, 33.1918, -13.7894



89.7436, -5.5311, 24.1416



41.7761, 3.0013, -0.3749



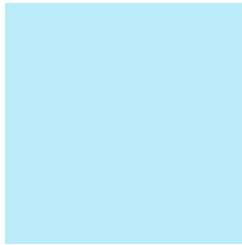
35.8290, 67.0984, -21.3447



10.9771, 20.6798, -7.4894

Previews

White Background



This preview shows how the HunterLab color 87.2856, -16.0211, -6.8189 looks on a white background.

Color Contrast Check

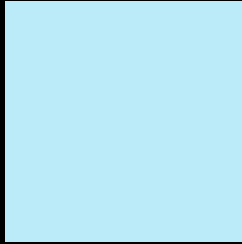
Large Text (above 18pt) WCAG AA × Fail

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 87.2856, -16.0211, -6.8189 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 87.2856, -16.0211, -6.8189 Background



This preview shows how black text looks on a background with the HunterLab color 87.2856, -16.0211, -6.8189.



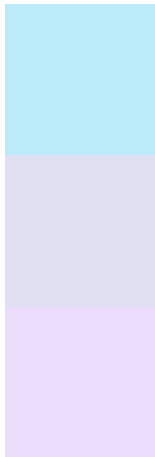
This preview shows how white text looks on a background with the HunterLab color 87.2856, -16.0211, -6.8189.

-16.0211,-6.8189.

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

87.2856, -16.0211, -6.8189

Protanopia

87.0228, -1.0477, -3.6288

Deuteranopia

87.1690, 6.3551, -8.2529



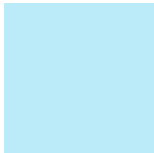
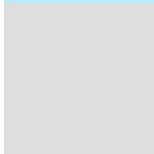
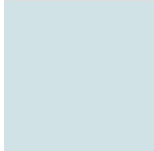
Tritanopia

87.1765, -14.4531, -9.1707

Trichromacy

	Original Color 87.2856, -16.0211, -6.8189
	Protanomaly 87.1019, -7.0563, -4.7113
	Deuteranomaly 86.9816, -2.2174, -8.0902
	Tritanomaly 87.1402, -14.6560, -8.6589

Monochromacy

	Original Color 87.2856, -16.0211, -6.8189
	Achromatopsia 85.4670, -4.5603, 4.6436
	Achromatomaly 85.8589, -9.0591, 0.5407

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2856, -16.0211, -6.8189 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(187, 234, 248)` looks like.

```
.text, #text, p{  
    color:rgb(187, 234, 248)  
}
```

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(187, 234, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 234, 248) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2856, -16.0211, -6.8189 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(187, 234, 248) }
```


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

```
.border{ border-color:rgb(187, 234, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 234, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 234, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 234, 248);  
box-shadow:4px 4px 4px 4px rgb(187, 234,  
248) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2856, -16.0211, -6.8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 234, 248) }
```

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

```
.background{ background-color: rgb(187,  
234, 248) }
```

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