

Converting Colors

HunterLab(87.1788, -19.2411,
1.9721)

Have a look what the booklet for
HunterLab(87.1788, -19.2411,
1.9721) contains.

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Color

**HunterLab(87.1808,
-19.2386, 1.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	BDEBE7
RGB	189, 235, 231
RGB Percent	74%, 92%, 91%
CMY	0.2588, 0.0784, 0.0941
CMYK	0.20, 0.00, 0.02, 0.08
HSL	175°, 53%, 83%
HSV	175°, 20%, 92%
XYZ	65.1183, 76.0049, 86.8396
YIQ	220.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

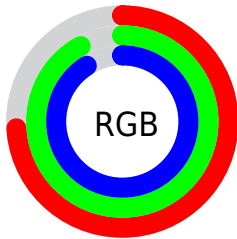
Format	Color
RYB	189, 213, 235
Decimal	12446695
CIELab	89.86, -15.52, -2.95
CIElCh	90, 15.797, 190.772
Yxy	76.0080, 0.2857, 0.3334
Android (android.graphics.Color)	4290636775 (0xFFBDEBE7)
YUV	220.7900, 5.0335, -27.8798
Hunter-Lab	87.1808, -19.2386, 1.9686

Details

The HunterLab color **87.1808, -19.2386, 1.9686** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.0984, 12.4616, 7.7988**, and the grayscale version is **84.9300, -4.5317, 4.6144**.

A 20% lighter version of the original color is **99.1629, -8.2600, 4.3927**, and **63.6288, -16.3909, 1.1290** is the 20% darker color. If you saturate the color by 10%, you get **85.5145, -25.5187, 0.8730**, and if you desaturate by 10%, it is **89.0938, -12.2210, 3.3598**.

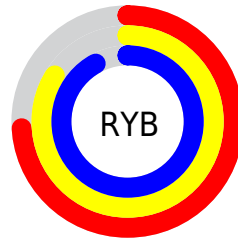
Distribution



Red (74%)

Green (92%)

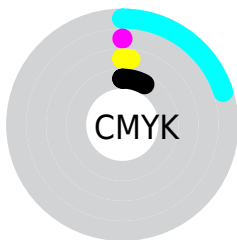
Blue (91%)



Red (74%)

Yellow (84%)

Blue (92%)

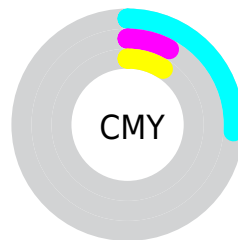


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (8%)



Cyan (26%)

Magenta (8%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.1808, -19.2386, 1.9686 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 87.1808, -19.2386, 1.9686 by changing the saturation by 10% instead.

■ 87.1808, -19.2386,
1.9686

■ 87.1808, -19.2386,
1.9686

219.4027,
-31.8702, 8.1950

■ 75.1260, -17.8404,
1.4435

■ 113.0214,
-22.0252, 3.1333

■ 63.6829, -16.4303,
0.9573

126.7550,
-23.4170, 3.7663

■ 52.8882, -15.0031,
0.5142

141.0039,
-24.8115, 4.4314

■ 42.7835, -13.5495,
0.1180

155.7499,
-26.2102, 5.1273

■ 33.4195, -12.0560,
-0.2264

170.9770,
-27.6144, 5.8526

■ 24.8604, -10.5014,
-0.5125

186.6702,

■ 17.1903, -8.8494,

-29.0252, 6.6063

-0.7311

202.8162,
-30.4436, 7.3874

■ 10.5277, -7.2500,
-0.8683

0.0000, NaN, -NF

■ 87.1808, -19.2386,
1.9686

■ 87.1808, -19.2386,
1.9686

■ 85.5145, -25.5187,
0.8730

■ 89.0938, -12.2210,
3.3598

■ 84.0901, -31.0061,
0.0780

■ 91.2448, -4.5235,
5.0286

■ 82.9066, -35.6665,
-0.4122

■ 93.1674, 2.2147,
6.3942

■ 81.9575, -39.4842,
-0.6020

■ 93.2320, 2.5632,
5.4728

81.2321, -42.4675,
-0.5039

93.2972, 2.9152,
4.5422

80.7143, -44.6528,
-0.1391

93.3632, 3.2707,
3.6025

80.3823, -46.1098,
0.4611

93.4298, 3.6296,
2.6535

80.1958, -46.9882,
1.2412

93.4971, 3.9920,
1.6955

80.1890, -47.0210,
1.2756

93.5651, 4.3579,
0.7282

Harmonies

Analogous

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



87.1826, -18.6922, 9.4222



87.1808, -19.2386, 1.9686



87.1826, -15.9877, -5.3471

Triad

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



87.1826, -19.2400, 1.9699



87.1826, 5.6039, -7.0622



87.1826, 0.4603, 17.4466

Complementary

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



87.1808, -19.2386, 1.9686



76.0984, 12.4616, 7.7988

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.



87.1826, 7.2847, 13.7595



87.1808, -19.2386, 1.9686



87.1826, 10.3274, -0.2053

Square

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



87.1826, -19.2400, 1.9699



87.1826, -1.7667, -10.8651



87.1826, 10.9534, 7.4329



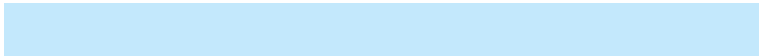
87.1826, -7.5091, 17.9152

Rectangle

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



87.1808, -19.2386, 1.9686



87.1826, -12.0312, -8.9944



87.1826, 10.9534, 7.4329



87.1826, 2.9718, 16.5593

Sweetspot

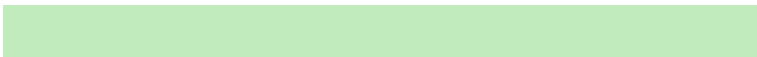
The Sweet Spot groups the original color and five complimentary colors.



87.1826, -19.2400, 1.9699



98.5532, -10.4925, 4.3016



86.3194, -24.8312, 19.6853



45.5250, -5.1069, 1.9361

0.0000, NaN, NaN



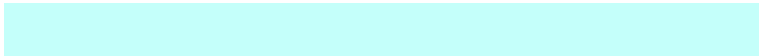
46.2646, -2.4686, 2.5136

Same Dimension

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



87.1826, -19.2400, 1.9699



94.9728, -23.6338, 1.6994



81.3875, -9.3138, -7.2724



41.3497, -5.6329, 1.5667



59.8293, -35.0294, 0.8370



16.7853, -9.6968, -0.0477

Inverse Universe

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



76.0984, 12.4616, 7.7988



80.7071, 17.2421, 9.2328



81.3379, 2.1889, 15.0635



38.8270, 1.5583, 2.8834



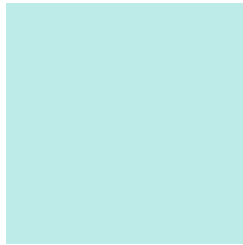
31.4110, 53.9090, 19.3918



8.8436, 15.2604, 4.8194

Previews

White Background



This preview shows how the HunterLab color 87.1808, -19.2386, 1.9686 looks on a white background.

Color Contrast Check

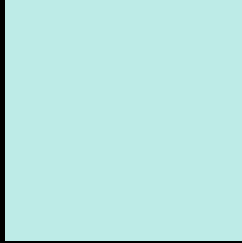
Large Text (above 18pt) WCAG AA × Fail

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 87.1808, -19.2386, 1.9686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

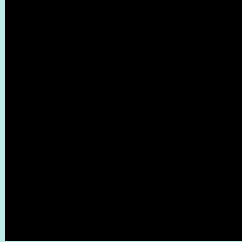
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

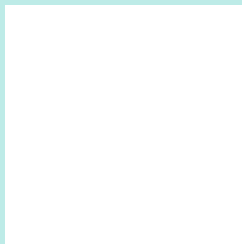
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.1808, -19.2386, 1.9686 Background



This preview shows how black text looks on a background with the HunterLab color 87.1808, -19.2386, 1.9686.



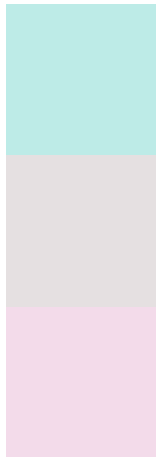
This preview shows how white text looks on a background with the HunterLab color 87.1808,

-19.2386, 1.9686.

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

87.1808, -19.2386, 1.9686

Protanopia

86.8364, -2.8114, 4.8218

Deuteranopia

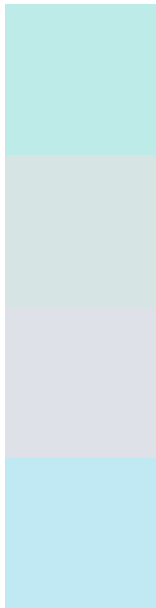
86.9817, 6.0953, 0.6445



Tritanopia

87.1870, -12.8238, -8.5647

Trichromacy



Original Color

87.1808, -19.2386, 1.9686

Protanomaly

86.7923, -9.2793, 3.6738

Deuteranomaly

86.8456, -3.8602, 0.8159

Tritanomaly

87.1871, -14.9847, -4.7405

Monochromacy



Original Color

87.1808, -19.2386, 1.9686

Achromatopsia

85.0326, -4.5371, 4.6200

Achromatomaly

85.6646, -10.1349, 3.3063

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1808, -19.2386, 1.9686 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(189, 235, 231)` looks like.

```
.text, #text, p{  
    color:rgb(189, 235, 231)  
}
```

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(189, 235, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 235, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1808, -19.2386, 1.9686 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(189, 235, 231) }
```


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

```
.border{ border-color:rgb(189, 235, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 235, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 235, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 235, 231);  
box-shadow:4px 4px 4px 4px rgb(189, 235,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1808, -19.2386, 1.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 235, 231) }
```

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

```
.background{ background-color: rgb(189,  
235, 231) }
```

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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