Converting Colors

HunterLab(86.1816, -17.6187, 0.9106)

Have a look what the booklet for HunterLab(86.1816, -17.6187, 0.9106) contains.

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Color

HunterLab(86.1984, -17.7633, 0.8030)

Conversions

Conversions Part 1

Format	Color
Hex	BDE8E7
RGB	189, 232, 231
RGB Percent	74%, 91%, 91%
CMY	0.2588, 0.0902, 0.0941
CMYK	0.19, 0.00, 0.00, 0.09
HSL	179°, 48%, 83%
HSV	179°, 19%, 91%
XYZ	64.2668, 74.3016, 86.5559
YIQ	219.0290, -25.3070, -9.4270

Conversions

Conversions Part 2

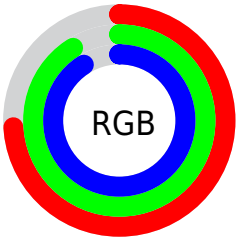
Format	Color
RYB	189, 211, 232
Decimal	12445927
CIELab	89.07, -14.01, -4.12
CIELCh	89, 14.608, 196.398
Yxy	74.3047, 0.2855, 0.3301
Android (android.graphics.Color)	4290636007 (0xFFBDE8E7)
YUV	219.0290, 5.9017, -26.3354
Hunter-Lab	86.1984, -17.7633, 0.8030

Details

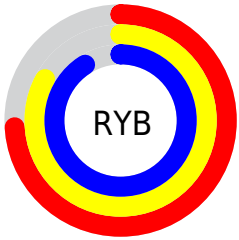
The HunterLab color 86.1984, -17.7633, 0.8030 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 75.6775, 10.9099, 8.6544, and the grayscale version is 84.1624, -4.4907, 4.5727.

A 20% lighter version of the original color is 99.1629, -8.2600, 4.3927, and 62.6871, -15.0099, 0.0051 is the 20% darker color. If you saturate the color by 10%, you get 84.5817, -23.7371, -1.0121, and if you desaturate by 10%, it is 88.0587, -11.0564, 2.8943.

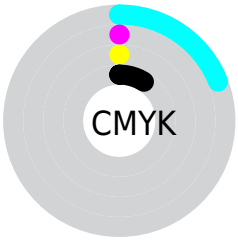
Distribution



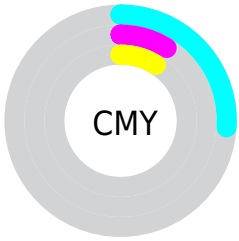
- Red (74%)
- Green (91%)
- Blue (91%)



- Red (74%)
- Yellow (83%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.1984, -17.7633, 0.8030 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 86.1984, -17.7633, 0.8030 by changing the saturation by 10% instead.

86.1984, -17.7633, 0.8030

218.0652, -29.8393, 6.6275

111.9498, -20.4100, 1.8673

125.6416, -21.7362, 2.4531

139.8501, -23.0675, 3.0725

154.5572, -24.4052, 3.7242

169.7464, -25.7504, 4.4066

185.4030,

86.1984, -17.7633, 0.8030

74.1913, -16.4402, 0.3315

62.7985, -15.1093, -0.0986

52.0572, -13.7662, -0.4823

42.0095, -12.4028, -0.8155

32.7071, -11.0068, -1.0924

24.2154, -9.5589, -1.3055

16.6206, -8.0263,

-27.1040, 5.1187

201.5134, -28.4668, 5.8593

-1.4441

10.0450, -6.7055, -1.4924

0.0000, NaN, -NF

86.1984, -17.7633, 0.8030

86.1984, -17.7633, 0.8030

84.5817, -23.7371, -1.0121

88.0587, -11.0564, 2.8943

83.2038, -28.9253, -2.5408

90.1542, -3.6716, 5.2395

82.0638, -33.2959, -3.7730

92.1074, 3.0585, 7.3665

81.1552, -36.8352, -4.7070

92.1242, 3.1490, 7.1267

80.4676, -39.5527, -5.3492

92.1410, 3.2397, 6.8863

79.9855, -41.4848, -5.7150

92.1579, 3.3306, 6.6452

79.6878, -42.6991, -5.8303

92.1748, 3.4218, 6.4035

79.5398, -43.3232, -5.7414

92.1918, 3.5133, 6.1611

79.5233, -43.3943, -5.7214

92.2088, 3.6049, 5.9181

Harmonies

Analogous

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

86.2002, -17.9325, 7.7985

86.1984, -17.7633, 0.8030

86.2002, -14.1484, -5.6371

Triad

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

86.2002, -17.7647, 0.8043

86.2002, 5.8854, -5.1181

86.2002, -1.2505, 16.7782

Complementary

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

86.1984, -17.7633, 0.8030

75.6775, 10.9099, 8.6544

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.

86.2002, 5.3746, 13.8828

86.1984, -17.7633, 0.8030

86.2002, 9.5869, 1.4657

Square

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

86.2002, -17.7647, 0.8043

86.2002, -0.5723, -9.2476

86.2002, 9.3968, 8.4069

86.2002, -8.5631, 16.6337

Rectangle

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

86.1984, -17.7633, 0.8030

86.2002, -10.1974, -8.5783

86.2002, 9.3968, 8.4069

86.2002, 1.1356, 16.1393

Sweetspot

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

86.2002, -17.7647, 0.8043

98.5849, -10.3172, 3.8498

85.0844, -24.3070, 18.4534

45.5413, -5.0168, 1.7041

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

86.2002, -17.7647, 0.8043

95.2809, -22.2518, 0.1358

79.8130, -7.5397, -7.6672

40.4108, -5.3797, 1.2380

59.2531, -32.3179, -4.2960

16.1131, -8.7509, -1.2493

Inverse Universe

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

75.6775, 10.9099, 8.6544

81.3884, 15.6774, 10.5256

81.5268, 0.2640, 15.2275

37.9123, 1.4077, 3.0944

30.8761, 52.9059, 19.7224

8.4048, 14.4246, 5.1906

Previews

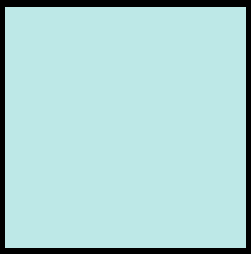
White Background

This preview shows how the HunterLab color 86.1984, -17.7633, 0.8030 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



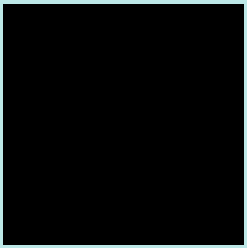
This preview shows how the HunterLab color 86.1984, -17.7633, 0.8030 looks on a black background.

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 86.1984, -17.7633, 0.8030 Background



This preview shows how black text looks on a background with the HunterLab color 86.1984, -17.7633, 0.8030.

This preview shows how white text looks on a background with the HunterLab color 86.1984,

-17.7633, 0.8030.

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
86.1984, -17.7633, 0.8030

Protanopia
85.9346, -2.7494, 3.7568

Deuteranopia
86.0764, 6.1395, -0.4707

Tritanopia
86.0363, -12.1789, -8.3974

Trichromacy

Original Color
86.1984, -17.7633, 0.8030

Protanomaly
86.0726, -8.5653, 2.8277

Deuteranomaly
85.7309, -2.9331, -0.5390

Tritanomaly
86.0702, -14.1409, -5.0785

Monochromacy

Original Color
86.1984, -17.7633, 0.8030

Achromatopsia
84.1651, -4.4908, 4.5728

Achromatomaly
84.8816, -9.7762, 3.3687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.1984, -17.7633, 0.8030 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, 232, 231) looks like.

```
.text, #text, p{
    color:rgb(189, 232, 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, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 86.1984, -17.7633, 0.8030 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, 232, 231) }
```

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

```
.border{ border-color:rgb(189, 232, 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, 232, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 232, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 232, 231); box-shadow:4px 4px 4px 4px rgb(189, 232, 231) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.1984, -17.7633, 0.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(189, 232, 231) }
```

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

```
.background{ background-color:rgb(189,
232, 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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