Converting Colors

HunterLab(87.4340, -22.6527, -4.9568)

Have a look what the booklet for HunterLab(87.4340, -22.6527, -4.9568) contains.

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Color

HunterLab(87.4068, -22.5680, -5.1331)

Conversions

Conversions Part 1

Format	Color
Hex	ABEEF5
RGB	171, 238, 245
RGB Percent	67%, 93%, 96%
CMY	0.3294, 0.0666, 0.0392
CMYK	0.30, 0.03, 0.00, 0.04
HSL	186°, 79%, 82%
HSV	186°, 30%, 96%
XYZ	63.8505, 76.3995, 97.7674
YIQ	218.7650, -42.1790, -12.0270

Conversions

Conversions Part 2

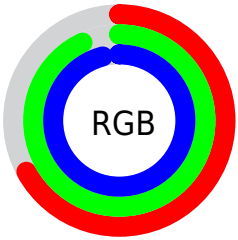
Format	Color
RYB	171, 206, 245
Decimal	11267829
CIELab	90.05, -19.19, -10.11
CIELCh	90, 21.687, 207.792
Yxy	76.4025, 0.2683, 0.3210
Android (android.graphics.Color)	4289457909 (0xFFABEEF5)
YUV	218.7650, 12.9339, -41.8899
Hunter-Lab	87.4068, -22.5680, -5.1331

Details

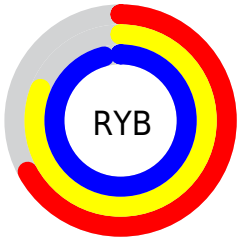
The HunterLab color 87.4068, -22.5680, -5.1331 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 73.6167, 18.9048, 14.6618, and the grayscale version is 84.0237, -4.4833, 4.5652.

A 20% lighter version of the original color is 97.5879, -13.8313, 2.4117, and 63.9085, -19.3460, -5.6234 is the 20% darker color. If you saturate the color by 10%, you get 85.1828, -26.8376, -8.1091, and if you desaturate by 10%, it is 89.8729, -17.5082, -1.9179.

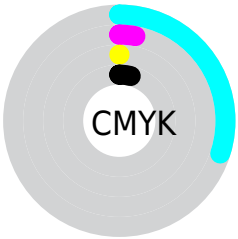
Distribution



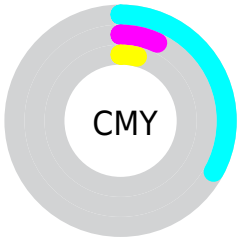
- Red (67%)
- Green (93%)
- Blue (96%)



- Red (67%)
- Yellow (81%)
- Blue (96%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4068, -22.5680, -5.1331 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 87.4068, -22.5680, -5.1331 by changing the saturation by 10% instead.

87.4068, -22.5680, -5.1331

87.4068, -22.5680, -5.1331

219.7099, -36.5522, -1.1548

75.3410, -20.9842, -5.3641

113.2677, -25.6974, -4.5239

63.8864, -19.3776, -5.5437

127.0110, -27.2496, -4.1544

53.0795, -17.7404, -5.6661

141.2691, -28.7980, -3.7445

42.9617, -16.0604, -5.7255

156.0241, -30.3451, -3.2963

33.5837, -14.3193, -5.7153

171.2597, -31.8926, -2.8117

25.0092, -12.4893, -5.6271

186.9614,

17.3220, -10.5230,

-33.4421, -2.2923

203.1156, -34.9950, -1.7396

-5.4518

10.6395, -8.7424, -5.1839

0.7129, -1.2476, -58.7552

87.4068, -22.5680, -5.1331

87.4068, -22.5680, -5.1331

85.1828, -26.8376, -8.1091

89.8729, -17.5082, -1.9179

83.1976, -30.2710, -10.8271

92.5708, -11.7102, 1.5070

81.4518, -32.8433, -13.2675

95.4952, -5.2367, 5.1167

79.9391, -34.5514, -15.4194

97.2318, -2.9759, 7.1843

78.6480, -35.4216, -17.2820

77.5591, -35.5177, -18.8691

76.6467, -35.0177, -20.2086

97.9633, -4.2036, 8.0069

98.6983, -5.4281, 8.8278

99.4369, -6.6497, 9.6469

99.6858, -7.0596, 9.9218

Harmonies

Analogous

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

87.4085, -24.7768, 5.5280

87.4068, -22.5680, -5.1331

87.4085, -15.6370, -13.9939

Triad

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

87.4085, -22.5690, -5.1317

87.4085, 13.9179, -6.6354

87.4085, -3.8538, 22.5383

Complementary

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

87.4068, -22.5680, -5.1331

73.6167, 18.9048, 14.6618

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.

87.4085, 6.8689, 20.0995

87.4068, -22.5680, -5.1331

87.4085, 17.4397, 3.9807

Square

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

87.4085, -22.5690, -5.1317

87.4085, 5.3926, -14.9346

87.4085, 14.7994, 13.6119

87.4085, -14.2943, 20.7225

Rectangle

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

87.4068, -22.5680, -5.1331

87.4085, -9.0876, -17.2307

87.4085, 14.7994, 13.6119

87.4085, -0.1600, 22.1961

Sweetspot

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

87.4085, -22.5690, -5.1317

97.2252, -11.4881, 2.0147

87.8323, -37.0517, 25.3351

44.7816, -5.7510, 0.6829

0.0000, NaN, NaN

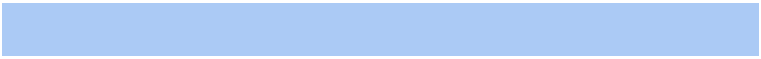
46.2646, -2.4686, 2.5136

Same Dimension

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

87.4085, -22.5690, -5.1317

90.0742, -26.3458, -7.2320



75.7727, -4.5472, -20.9845

42.9815, -5.2201, 0.8155

56.3556, -25.8266, -14.6874

16.9347, -7.9412, -4.0242

Inverse Universe

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

73.9683, 33.8166, -18.6690

73.6199, 43.4495, -24.3000

83.9832, -0.1101, 24.5472

40.9142, 3.1876, -1.0598

36.4767, 70.2739, -36.9437

10.8496, 20.9582, -11.4222

Previews

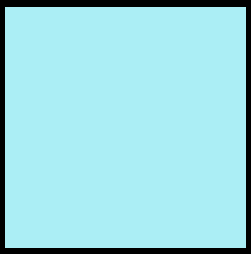
White Background

This preview shows how the HunterLab color 87.4068, -22.5680, -5.1331 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



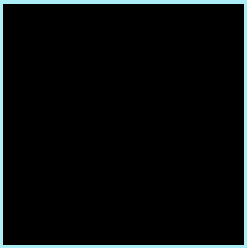
This preview shows how the HunterLab color 87.4068, -22.5680, -5.1331 looks on a black background.

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 87.4068, -22.5680, -5.1331 Background



This preview shows how black text looks on a background with the HunterLab color 87.4068, -22.5680, -5.1331.

This preview shows how white text looks on a background with the HunterLab color 87.4068,

-22.5680, -5.1331.

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
87.4068, -22.5680, -5.1331

Protanopia
86.9451, -1.6557, -1.0902

Deuteranopia
87.1955, 6.2999, -7.1006

Tritanopia
87.2981, -18.8406, -10.7916

Trichromacy

Original Color
87.4068, -22.5680, -5.1331

Protanomaly
86.8629, -9.8046, -2.9168

Deuteranomaly
87.0986, -5.1669, -6.8736

Tritanomaly
87.4172, -20.3967, -8.3920

Monochromacy

Original Color
87.4068, -22.5680, -5.1331

Achromatopsia
84.1651, -4.4908, 4.5728

Achromatomaly
85.1767, -11.6750, 1.1895

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4068, -22.5680, -5.1331 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(171, 238, 245) looks like.

```
.text, #text, p{
    color:rgb(171, 238, 245)
}
```

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(171, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 238, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4068, -22.5680, -5.1331 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(171, 238, 245) }
```

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

```
.border{ border-color:rgb(171, 238, 245) }
```

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

Here you see how a box with a 4 pixel rgb(171, 238, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 238, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 238, 245); box-shadow:4px 4px 4px 4px rgb(171, 238, 245) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4068, -22.5680, -5.1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(171, 238, 245) }
```

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

```
.background{ background-color:rgb(171,
238, 245) }
```

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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