

Converting Colors

HunterLab(83.0161, -38.9637,
0.1432)

Have a look what the booklet for
HunterLab(83.0161, -38.9637,
0.1432) contains.

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Color

**HunterLab(83.0020,
-38.9137, 0.0896)**

Conversions

Conversions Part 1

Format	Color
Hex	68EDE0
RGB	104, 237, 224
RGB Percent	41%, 93%, 88%
CMY	0.5921, 0.0706, 0.1216
CMYK	0.56, 0.00, 0.05, 0.07
HSL	174°, 79%, 67%
HSV	174°, 56%, 93%
XYZ	49.4477, 68.8933, 81.2126
YIQ	195.7510, -75.0950, -32.2390

Conversions

Conversions Part 2

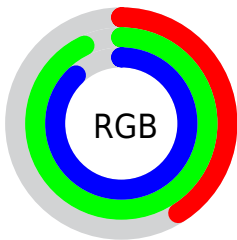
Format	Color
RYB	104, 174, 237
Decimal	6876640
CIELab	86.45, -39.46, -4.74
CIELCh	86, 39.748, 186.844
Yxy	68.8960, 0.2478, 0.3452
Android (android.graphics.Color)	4285066720 (0xFF68EDE0)
YUV	195.7510, 13.9268, -80.4656
Hunter-Lab	83.0020, -38.9137, 0.0896

Details

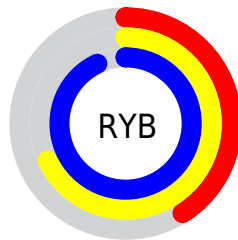
The HunterLab color **83.0020, -38.9137, 0.0896** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.0292, 47.8037, 15.6584**, and the grayscale version is **74.1592, -3.9570, 4.0292**.

A 20% lighter version of the original color is **93.1917, -29.8961, -3.2900**, and **59.7610, -33.2439, -0.9978** is the 20% darker color. If you saturate the color by 10%, you get **82.1867, -42.2649, 0.2084**, and if you desaturate by 10%, it is **84.0509, -34.7139, 0.2672**.

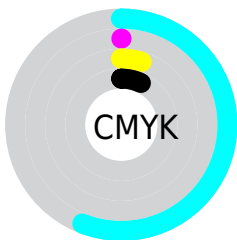
Distribution



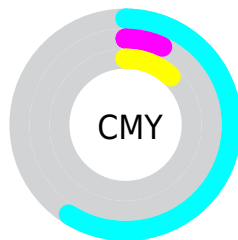
- Red (41%)
- Green (93%)
- Blue (88%)



- Red (41%)
- Yellow (68%)
- Blue (93%)



- Cyan (56%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)





- Cyan (59%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.0020, -38.9137, 0.0896 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 83.0020, -38.9137, 0.0896 by changing the saturation by 10% instead.


 83.0020, -38.9137,
0.0896


 83.0020, -38.9137,
0.0896


213.6970,
-60.7360, 5.6391


 71.1527, -36.2304,
-0.3449


 108.4587,
-44.0589, 1.0844

 59.9265, -33.4484,
-0.7355


 122.0122,
-46.5454, 1.6376

 49.3621, -30.5426,
-1.0774


 136.0875,
-48.9871, 2.2258

 39.5037, -27.4765,
-1.3656

150.6659,
-51.3914, 2.8473

 30.4062, -24.1970,
-1.5937

165.7306,
-53.7639, 3.5006

 22.1395, -20.6208,
-1.7532

181.2664,

 14.7974, -16.6337,

-56.1096, 4.1844

-1.8319

197.2594,
-58.4325, 4.8976

■ 8.4518, -14.7907,
-1.9147

0.0000, NaN, NaN

■ 83.0020, -38.9137,
0.0896

■ 83.0020, -38.9137,
0.0896

■ 82.1867, -42.2649,
0.2084

■ 84.0509, -34.7139,
0.2672

■ 81.5860, -44.7918,
0.6011


■ 85.3380, -29.6649,
0.7484


■ 81.1818, -46.5526,
1.2402


■ 86.8699, -23.7914,
1.5372


■ 80.9461, -47.6446,
2.0858

■ 88.6482, -17.1359,
2.6293


 80.8809, -47.9632,
2.4447

 90.6712, -9.7547,
4.0145

 92.9347, -1.7135,
5.6781

 93.8803, 1.6721,
5.7055

 93.9542, 2.0714,
4.6515

 94.0289, 2.4752,
3.5859

Harmonies

Analogous

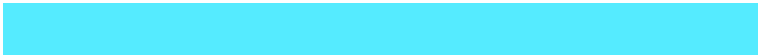
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0036, -36.5818, 17.5207



83.0020, -38.9137, 0.0896



83.0036, -32.7245, -20.2309

Triad

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



83.0036, -38.9142, 0.0907



83.0036, 19.6212, -29.9552



83.0036, 11.0549, 31.3702

Complementary

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



83.0020, -38.9137, 0.0896



54.0292, 47.8037, 15.6584

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.



83.0036, 28.2417, 23.4136



83.0020, -38.9137, 0.0896



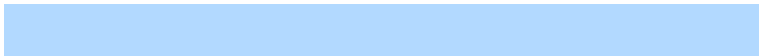
83.0036, 33.5019, -11.0017

Square

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



83.0036, -38.9142, 0.0907



83.0036, 0.1471, -40.0180



83.0036, 36.7955, 8.7143



83.0036, -8.9165, 33.0065

Rectangle

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



83.0020, -38.9137, 0.0896



83.0036, -24.2230, -31.8281



83.0036, 36.7955, 8.7143



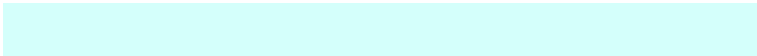
83.0036, 17.4039, 29.4547

Sweetspot

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



83.0036, -38.9142, 0.0907



96.1328, -19.3431, 2.7303



80.8538, -52.8299, 39.2919



44.2875, -9.6471, 1.1432

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.0036, -38.9142, 0.0907



89.2201, -46.2865, 0.2608



65.7708, -11.7069, -31.9060



41.3461, -5.6527, 1.6174



59.7704, -35.3838, 1.6756



16.7710, -9.7829, 0.1563

Inverse Universe

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



54.0292, 47.8037, 15.6584



53.4422, 62.6698, 20.4108



65.7177, 19.4903, 29.0190



38.8304, 1.5766, 2.8348



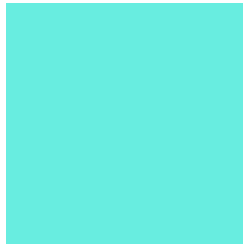
31.4205, 53.9445, 19.2498



8.8507, 15.2867, 4.7143

Previews

White Background



This preview shows how the HunterLab color 83.0020, -38.9137, 0.0896 looks on a white background.

Color Contrast Check

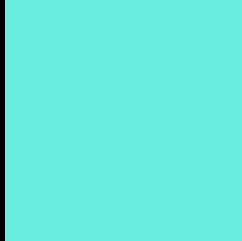
Large Text (above 18pt) WCAG AA × Fail

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 83.0020, -38.9137, 0.0896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

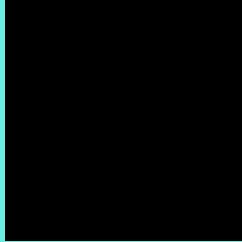
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

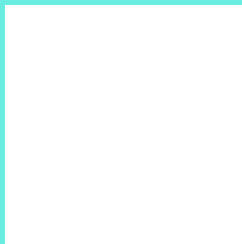
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.0020, -38.9137, 0.0896 Background



This preview shows how black text looks on a background with the HunterLab color 83.0020, -38.9137, 0.0896.



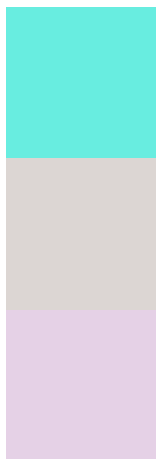
This preview shows how white text looks on a background with the HunterLab color 83.0020,

-38.9137, 0.0896.

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

83.0020, -38.9137, 0.0896

Protanopia

82.4693, -2.9409, 6.4593

Deuteranopia

82.4452, 5.9695, -2.9304



Tritanopia

82.9961, -29.8600, -15.1713

Trichromacy



Original Color

83.0020, -38.9137, 0.0896



Protanomaly

81.6489, -18.5437, 2.8116



Deuteranomaly

81.5198, -13.2463, -3.3833



Tritanomaly

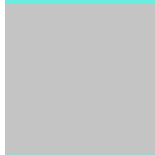
82.8079, -33.0811, -9.7000

Monochromacy



Original Color

83.0020, -38.9137, 0.0896



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

76.7016, -18.9402, 1.7944

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.0020, -38.9137, 0.0896 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(104, 237, 224)` looks like.

```
.text, #text, p{  
    color:rgb(104, 237, 224)  
}
```

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(104, 237, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 237, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 83.0020, -38.9137, 0.0896 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(104, 237, 224) }
```


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

```
.border{ border-color:rgb(104, 237, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 237, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 237, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 237, 224);  
box-shadow:4px 4px 4px 4px rgb(104, 237,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.0020, -38.9137, 0.0896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 237, 224) }
```

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

```
.background{ background-color: rgb(104,  
237, 224) }
```

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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