

Converting Colors

HunterLab(84.8913, -33.6661,
44.8027)

Have a look what the booklet for
HunterLab(84.8913, -33.6661,
44.8027) contains.

HunterLab(84.8777, -33.6633, 44.7982)	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(84.8777,
-33.6633, 44.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EB5B
RGB	197, 235, 91
RGB Percent	77%, 92%, 36%
CMY	0.2275, 0.0784, 0.6431
CMYK	0.16, 0.00, 0.61, 0.08
HSL	76°, 78%, 64%
HSV	76°, 61%, 92%
XYZ	54.6226, 72.0422, 20.9241
YIQ	207.2220, 23.5760, -52.8400

Conversions

Conversions Part 2

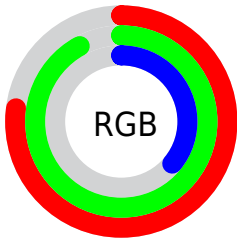
Format	Color
RYB	91, 235, 129
Decimal	12970843
CIELab	87.99, -32.53, 63.88
CIELCh	88, 71.683, 116.987
Yxy	72.0455, 0.3701, 0.4881
Android (android.graphics.Color)	4291160923 (0xFFC5EB5B)
YUV	207.2220, -57.2974, -8.9647
Hunter-Lab	84.8777, -33.6633, 44.7982

Details

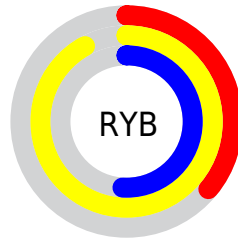
The HunterLab color **84.8777, -33.6633, 44.7982** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **42.6019, 41.8954, -82.4067**, and the grayscale version is **79.3187, -4.2322, 4.3095**.

A 20% lighter version of the original color is **97.3937, -19.8069, 43.1119**, and **61.5748, -28.9558, 36.1870** is the 20% darker color. If you saturate the color by 10%, you get **84.1910, -36.7179, 47.4397**, and if you desaturate by 10%, it is **85.6569, -30.1599, 41.1297**.

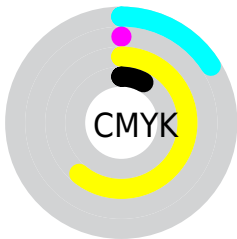
Distribution



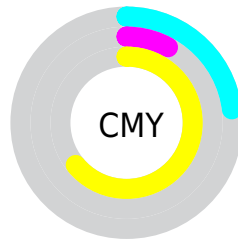
- Red (77%)
- Green (92%)
- Blue (36%)



- Red (36%)
- Yellow (92%)
- Blue (51%)



- Cyan (16%)
- Magenta (0%)
- Yellow (61%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.8777, -33.6633, 44.7982 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 84.8777, -33.6633, 44.7982 by changing the saturation by 10% instead.

■ 84.8777, -33.6633,
44.7982

■ 84.8777, -33.6633,
44.7982

216.2637,
-52.7283, 77.4582

■ 72.9355, -31.3732,
40.5854

■ 110.5084,
-38.0957, 52.7603

■ 61.6110, -29.0114,
36.1840

■ 124.1435,
-40.2524, 56.5492

■ 50.9421, -26.5613,
31.5664

■ 138.2973,
-42.3795, 60.2321

■ 40.9719, -23.9960,
26.7063

■ 152.9515,
-44.4824, 63.8224

■ 31.7533, -21.2762,
22.0153

168.0896,
-46.5654, 67.3312

■ 23.3534, -18.3408,
16.3474

183.6966,

■ 15.8617, -15.0867,

-48.6321, 70.7682

11.1032

199.7588,
-50.6856, 74.1415

■ 9.4053, -15.5732,
6.5837

0.0000, NaN, NaN

■ 84.8777, -33.6633,
44.7982

■ 84.8777, -33.6633,
44.7982

■ 84.1910, -36.7179,
47.4397

■ 85.6569, -30.1599,
41.1297

■ 83.5857, -39.3390,
49.1259

■ 86.5271, -26.1879,
36.3818

■ 83.0564, -41.5644,
49.9619

■ 87.4929, -21.7451,
30.5239

■ 82.6450, -43.2472,
50.1683

■ 88.5564, -16.8334,
23.5409

■ 89.7189, -11.4603,
15.4319

■ 90.9808, -5.6378,
6.2082

■ 92.3245, 0.5219,
-3.8573

■ 92.9219, 2.5582,
-3.0629

■ 93.5355, 4.6363,
-2.2523

Harmonies

Analogous

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



84.8796, -0.8719, 47.5357



84.8777, -33.6633, 44.7982



84.8796, -55.0465, 33.1942

Triad

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



84.8796, -33.6656, 44.7988



84.8796, -38.9905, -71.0332



84.8796, 76.0653, 1.0931

Complementary

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



84.8777, -33.6633, 44.7982



42.6019, 41.8954, -82.4067

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.



84.8796, 61.5180, -39.5531



84.8777, -33.6633, 44.7982



84.8796, -8.1341, -90.7029

Square

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



84.8796, -33.6656, 44.7988



84.8796, -57.7426, -30.9428



84.8796, 29.1492, -77.2889



84.8796, 66.2228, 29.3610

Rectangle

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



84.8777, -33.6633, 44.7982



84.8796, -61.9047, 18.1265



84.8796, 29.1492, -77.2889



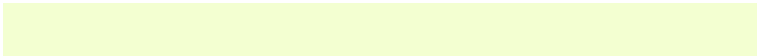
84.8796, 73.8152, -11.5504

Sweetspot

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



84.8796, -33.6656, 44.7988



97.5514, -16.6386, 23.1176



57.9641, 33.2635, 26.1747



44.9641, -8.4728, 11.8438

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8796, -33.6656, 44.7988



92.1543, -41.2099, 52.7175



80.4286, -51.1956, 41.3666



41.7318, -4.8436, 6.4235



61.7060, -32.0538, 37.4618



17.4246, -8.4589, 10.5888

Inverse Universe

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



42.6019, 41.8954, -82.4067



38.5638, 58.5618, -120.6670



50.6203, 60.5474, -59.8114



38.3942, 0.7064, -2.4614



19.9032, 50.8568, -117.1519



5.9713, 14.6158, -30.1701

Previews

White Background



This preview shows how the HunterLab color 84.8777, -33.6633, 44.7982 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 84.8777, -33.6633, 44.7982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

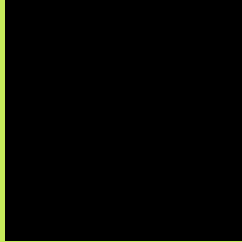
Any Text WCAG AA ✓ Pass

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 84.8777, -33.6633, 44.7982 Background



This preview shows how black text looks on a background with the HunterLab color 84.8777, -33.6633, 44.7982.



This preview shows how white text looks on a background with the HunterLab color 84.8777, -33.6633, 44.7982.

-33.6633, 44.7982.

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

84.8777, -33.6633, 44.7982

Protanopia

84.4316, -10.4005, 45.5125

Deuteranopia

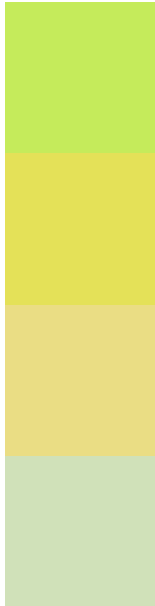
84.4090, 2.5022, 29.9636



Tritanopia

84.6496, -3.1487, -4.5504

Trichromacy



Original Color

84.8777, -33.6633, 44.7982

Protanomaly

84.2906, -19.0046, 45.1126

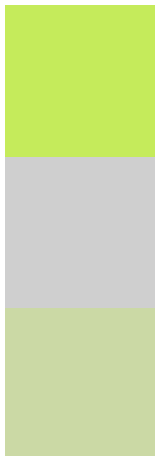
Deuteranomaly

84.1851, -11.7225, 36.2949

Tritanomaly

84.1208, -16.2987, 19.1990

Monochromacy



Original Color

84.8777, -33.6633, 44.7982

Achromatopsia

78.9912, -4.2148, 4.2917

Achromatomaly

80.6467, -16.6679, 23.2318

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8777, -33.6633, 44.7982 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(197, 235, 91)` looks like.

```
.text, #text, p{  
    color:rgb(197, 235, 91)  
}
```

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(197, 235, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 235, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8777, -33.6633, 44.7982 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(197, 235, 91) }
```


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

```
.border{ border-color:rgb(197, 235, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 235, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 235, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 235, 91);  
box-shadow:4px 4px 4px 4px rgb(197, 235,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.8777, -33.6633, 44.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 235, 91) }
```

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

```
.background{ background-color: rgb(197,  
235, 91) }
```

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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