

Converting Colors

HunterLab(79.8183, -33.5767,
41.8178)

Have a look what the booklet for
HunterLab(79.8183, -33.5767,
41.8178) contains.

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Color

**HunterLab(79.8997,
-33.7671, 41.7916)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E058
RGB	181, 224, 88
RGB Percent	71%, 88%, 35%
CMY	0.2902, 0.1215, 0.6549
CMYK	0.19, 0.00, 0.61, 0.12
HSL	79°, 69%, 61%
HSV	79°, 61%, 88%
XYZ	47.4731, 63.8396, 19.0527
YIQ	195.6390, 18.0280, -51.4120

Conversions

Conversions Part 2

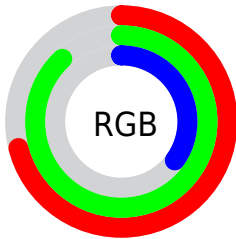
Format	Color
R _Y B	88, 224, 131
Decimal	11919448
CIE Lab	83.88, -33.82, 60.35
CIE LCh	84, 69.176, 119.267
Yxy	63.8425, 0.3641, 0.4897
Android (android.graphics.Color)	4290109528 (0xFFB5E058)
YUV	195.6390, -53.0660, -12.8384
Hunter-Lab	79.8997, -33.7671, 41.7916

Details

The HunterLab color $79.8997, -33.7671, 41.7916$ is a light color, and the websafe version is hex $99CC33$. The color can be described as light muted chartreuse. A complement of this color would be $41.4588, 40.7110, -74.5975$, and the grayscale version is $74.3584, -3.9676, 4.0400$.

A 20% lighter version of the original color is $95.8404, -25.5872, 42.5323$, and $57.2972, -28.9919, 33.5277$ is the 20% darker color. If you saturate the color by 10%, you get $79.1782, -36.9654, 44.3282$, and if you desaturate by 10%, it is $80.7159, -30.1202, 38.2884$.

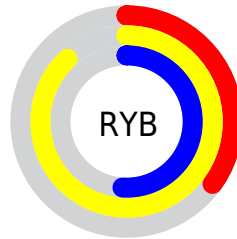
Distribution



Red (71%)

Green (88%)

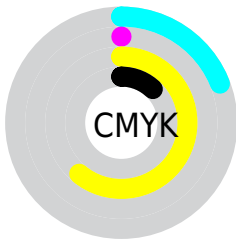
Blue (35%)



Red (35%)

Yellow (88%)

Blue (51%)

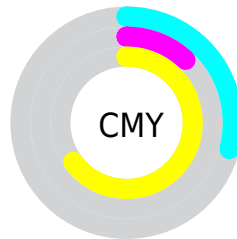


Cyan (19%)

Magenta (0%)

Yellow (61%)

Black (12%)



Cyan (29%)

Magenta (12%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8997, -33.7671, 41.7916 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 79.8997, -33.7671, 41.7916 by changing the saturation by 10% instead.

■ 79.8997, -33.7671,
41.7916

■ 79.8997, -33.7671,
41.7916

209.4327,
-53.4367, 73.2295

■ 68.2078, -31.3787,
37.7211

■ 105.0638,
-38.3687, 49.4687

■ 57.1479, -28.9068,
33.4598

■ 118.4800,
-40.6000, 53.1169

■ 46.7602, -26.3304,
28.9777

■ 132.4231,
-42.7965, 56.6611

■ 37.0916, -23.6169,
24.2461

■ 146.8739,
-44.9643, 60.1149

■ 28.2001, -20.7171,
19.7401

161.8152,
-47.1085, 63.4897

■ 20.1607, -17.5524,
14.1125

177.2313,

■ 13.0757, -14.2097,

-49.2331, 66.7951

9.1530

193.1082,
-51.3415, 70.0394

■ 6.5570, -11.4748,
4.5899

0.0000, NaN, NaN

■ 79.8997, -33.7671,
41.7916

■ 79.8997, -33.7671,
41.7916

■ 79.1782, -36.9654,
44.3282

■ 80.7159, -30.1202,
38.2884

■ 78.5413, -39.7264,
45.9612

■ 81.6250, -26.0104,
33.7744

■ 77.9842, -42.0822,
46.7846

■ 82.6311, -21.4394,
28.2257

■ 77.5262, -43.9729,
47.0014

■ 83.7357, -16.4130,
21.6335

■ 84.9394, -10.9426,
14.0020

■ 86.2423, -5.0435,
5.3468

■ 87.6440, 1.2655,
-4.3073

■ 88.6869, 5.5224,
-8.5032

■ 89.3877, 7.8702,
-7.5343

Harmonies

Analogous

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



79.9015, -3.4304, 44.8812



79.8997, -33.7671, 41.7916



79.9015, -53.0339, 30.0401

Triad

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



79.9015, -33.7692, 41.7922



79.9015, -34.9932, -69.6511



79.9015, 72.1294, 3.5503

Complementary

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



79.8997, -33.7671, 41.7916



41.4588, 40.7110, -74.5975

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.



79.9015, 60.0128, -34.3828



79.8997, -33.7671, 41.7916



79.9015, -5.1014, -86.1112

Square

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



79.9015, -33.7692, 41.7922



79.9015, -53.6531, -32.3976



79.9015, 30.2526, -71.0950



79.9015, 61.0971, 29.1608

Rectangle

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



79.8997, -33.7671, 41.7916



79.9015, -58.8660, 15.0806



79.9015, 30.2526, -71.0950



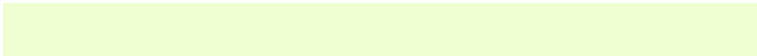
79.9015, 70.6004, -8.1139

Sweetspot

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



79.9015, -33.7692, 41.7922



97.3339, -17.4217, 22.8878



56.7467, 27.5482, 25.8020



44.8481, -8.8925, 11.7244

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.9015, -33.7692, 41.7922



91.4887, -43.7636, 51.9759



75.9457, -49.4298, 38.7236



39.7504, -4.7729, 6.0541



59.2001, -33.3321, 35.8953



15.7365, -8.1786, 9.5536

Inverse Universe

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



41.4588, 40.7110, -74.5975



40.0310, 59.3826, -114.4171



49.1999, 58.7333, -53.6433



36.6777, 0.8232, -2.2594



19.9072, 49.8273, -109.1159



5.6693, 13.5387, -26.0255

Previews

White Background



This preview shows how the HunterLab color 79.8997, -33.7671, 41.7916 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 79.8997, -33.7671, 41.7916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

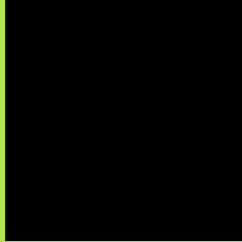
Any Text WCAG AA ✓ Pass

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 79.8997, -33.7671, 41.7916 Background



This preview shows how black text looks on a background with the HunterLab color 79.8997, -33.7671, 41.7916.



This preview shows how white text looks on a background with the HunterLab color 79.8997, -33.7671, 41.7916.

-33.7671, 41.7916.

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

79.8997, -33.7671, 41.7916

Protanopia

79.6221, -10.0308, 42.6415

Deuteranopia

79.4785, 5.3620, 38.6916



Tritanopia

79.7778, -4.9149, -4.9371

Trichromacy



Original Color

79.8997, -33.7671, 41.7916

Protanomaly

79.3065, -19.2104, 42.1068

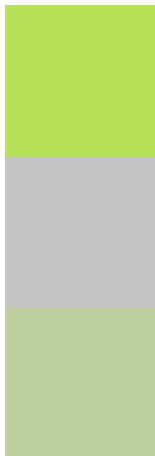
Deuteranomaly

79.0733, -10.0427, 39.5086

Tritanomaly

79.3360, -17.6229, 17.8819

Monochromacy



Original Color

79.8997, -33.7671, 41.7916

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

75.9298, -16.1736, 21.5965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.8997, -33.7671, 41.7916 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(181, 224, 88)` looks like.

```
.text, #text, p{  
    color:rgb(181, 224, 88)  
}
```

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(181, 224, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 224, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 79.8997, -33.7671, 41.7916 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(181, 224, 88) }
```


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

```
.border{ border-color:rgb(181, 224, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 224, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 224, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 224, 88);  
box-shadow:4px 4px 4px 4px rgb(181, 224,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.8997, -33.7671, 41.7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 224, 88) }
```

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

```
.background{ background-color: rgb(181,  
224, 88) }
```

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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