

Converting Colors

HunterLab(33.1186, 27.1420,
-16.9479)

Have a look what the booklet for
HunterLab(33.1186, 27.1420,
-16.9479) contains.

HunterLab(33.0114, 27.3133, -17.1111)	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(33.0114, 27.3133,
-17.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	844682
RGB	132, 70, 130
RGB Percent	52%, 27%, 51%
CMY	0.4823, 0.7255, 0.4902
CMYK	0.00, 0.47, 0.02, 0.48
HSL	302°, 31%, 40%
HSV	302°, 47%, 52%
XYZ	15.7351, 10.8975, 22.3931
YIQ	95.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

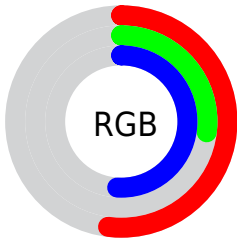
Format	Color
R_{YB}	132, 70, 130
Decimal	8668802
CIE _{Lab}	39.41, 35.72, -22.52
CIE _{LCh}	39, 42.227, 327.766
Yxy	10.8980, 0.3210, 0.2223
Android (android.graphics.Color)	4286858882 (0xFF844682)
YUV	95.3780, 17.0686, 32.1175
Hunter-Lab	33.0114, 27.3133, -17.1111

Details

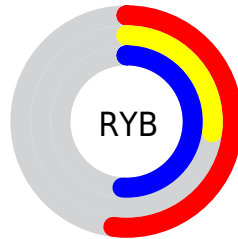
The HunterLab color **33.0114, 27.3133, -17.1111** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42.7468, -24.9183, 17.3997**, and the grayscale version is **33.9036, -1.8090, 1.8420**.

A 20% lighter version of the original color is **52.2407, 29.9236, -18.1306**, and **16.9259, 24.2642, -15.7307** is the 20% darker color. If you saturate the color by 10%, you get **30.6801, 33.4066, -21.0344**, and if you desaturate by 10%, it is **35.7021, 20.9293, -12.9559**.

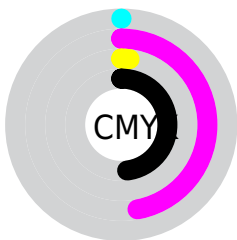
Distribution



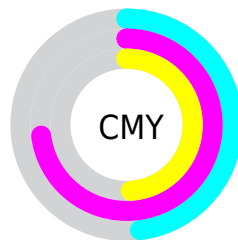
- Red (52%)
- Green (27%)
- Blue (51%)



- Red (52%)
- Yellow (27%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (2%)
- Black (48%)



- Cyan (48%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0114, 27.3133, -17.1111 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 33.0114, 27.3133, -17.1111 by changing the saturation by 10% instead.

33.0114, 27.3133,
-17.1111

33.0114, 27.3133,
-17.1111

140.3448, 35.5773,
-19.0393

24.4914, 25.8452,
-16.6151

52.4132, 29.8564,
-17.9544

16.8643, 24.2561,
-16.1245

63.1775, 30.9502,
-18.2843

10.2512, 22.6230,
-15.7972

74.5918, 31.9385,
-18.5518

0.0000, INF, -NF

0.0000, NaN, -NF

86.6212, 32.8303,
-18.7590

0.0000, NaN, NaN

99.2357, 33.6336,
-18.9085

0.0000, NaN, NaN

112.4092, 34.3553,

0.0000, NaN, NaN

-19.0033

0.0000, NaN, NaN

126.1189, 35.0015,
-19.0460

■ 33.0114, 27.3133,
-17.1111

■ 33.0114, 27.3133,
-17.1111

■ 30.6801, 33.4066,
-21.0344

■ 35.7021, 20.9293,
-12.9559

■ 28.7514, 38.9251,
-24.5374

■ 38.7037, 14.4642,
-8.7112

■ 27.2622, 43.5270,
-27.3973

■ 41.9742, 8.0453,
-4.4656

■ 26.2281, 46.8980,
-29.4140

■ 45.4760, 1.7425,
-0.2701

■ 25.5883, 49.0252,
-30.5904

■ 49.1776, -4.4135,
3.8509

■ 25.4112, 49.6237,
-30.9141

■ 53.0530, -10.4158,
7.8890

■ 57.0803, -16.2707,
11.8453

■ 61.2420, -21.9910,
15.7257

■ 65.5233, -27.5922,
19.5384

Harmonies

Analogous

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



33.0121, 13.2479, -34.2660



33.0114, 27.3133, -17.1111



33.0121, 33.4762, 0.6761

Triad

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



33.0121, 27.3121, -17.1101



33.0121, -0.5970, 19.3996



33.0121, -24.1527, -14.2657

Complementary

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



33.0114, 27.3133, -17.1111



42.7468, -24.9183, 17.3997

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.



33.0121, -26.5131, 2.8798



33.0114, 27.3133, -17.1111



33.0121, -14.4944, 18.2980

Square

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



33.0121, 27.3121, -17.1101



33.0121, 15.6241, 17.8779



33.0121, -23.3218, 13.5961



33.0121, -16.1617, -32.1602

Rectangle

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



33.0114, 27.3133, -17.1111



33.0121, 31.5595, 9.3093



33.0121, -23.3218, 13.5961



33.0121, -25.5585, -8.0415

Sweetspot

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



33.0121, 27.3121, -17.1101



56.9142, 8.4393, -4.4401



27.1802, 11.2542, -30.6741



27.0500, 4.8343, -2.6488



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



33.0121, 27.3121, -17.1101



40.6389, 44.5570, -28.0573



31.9465, 22.3457, -2.2848



21.8181, 1.5102, -0.5720



25.0047, 48.8303, -30.4233



1.4786, 2.8979, -1.8796

Inverse Universe

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



33.0121, 27.3121, -17.1101



40.6389, 44.5570, -28.0573



43.3185, -21.5081, 9.0986



21.8181, 1.5102, -0.5720



25.0047, 48.8303, -30.4233



1.4786, 2.8979, -1.8796

Previews

White Background



This preview shows how the HunterLab color 33.0114, 27.3133, -17.1111 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 33.0114, 27.3133, -17.1111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

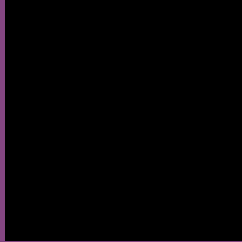
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 33.0114, 27.3133, -17.1111 Background



This preview shows how black text looks on a background with the HunterLab color 33.0114, 27.3133, -17.1111.



This preview shows how white text looks on a background with the HunterLab color 33.0114, 27.3133, -17.1111.

-17.1111.

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

33.0114, 27.3133, -17.1111

Protanopia

33.4217, 4.7738, -29.0241

Deuteranopia

33.2347, 2.2574, -14.6947



Tritanopia

33.0473, 14.0094, 4.8134

Trichromacy



Original Color

33.0114, 27.3133, -17.1111

Protanomaly

32.6243, 11.8150, -25.4864

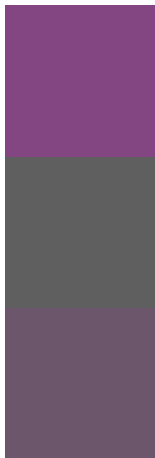
Deuteranomaly

32.6185, 10.5993, -16.2117

Tritanomaly

32.8562, 18.7557, -2.1094

Monochromacy



Original Color

33.0114, 27.3133, -17.1111

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.0552, 8.1364, -4.9365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0114, 27.3133, -17.1111 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(132, 70, 130)` looks like.

```
.text, #text, p{  
    color:rgb(132, 70, 130)  
}
```

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(132, 70, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 70, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0114, 27.3133, -17.1111 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(132, 70, 130) }
```


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

```
.border{ border-color:rgb(132, 70, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 70, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 70, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 70, 130); box-shadow:4px 4px 4px 4px rgb(132, 70, 130) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0114, 27.3133, -17.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 70, 130) }
```

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

```
.background{ background-color: rgb(132, 70,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor