

Converting Colors

HunterLab(83.3176, -14.0307,
29.3389)

Have a look what the booklet for
HunterLab(83.3176, -14.0307,
29.3389) contains.

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Color

**HunterLab(83.3176,
-14.0307, 29.3389)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDD9A
RGB	221, 221, 154
RGB Percent	87%, 87%, 60%
CMY	0.1333, 0.1333, 0.3961
CMYK	0.00, 0.00, 0.30, 0.13
HSL	60°, 50%, 74%
HSV	60°, 30%, 87%
XYZ	61.5080, 69.4182, 40.7291
YIQ	213.3620, 21.5070, -20.8370

Conversions

Conversions Part 2

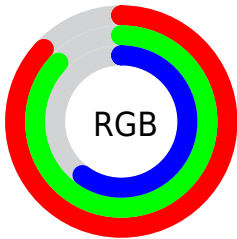
Format	Color
RYB	154, 221, 154
Decimal	14540186
CIELab	86.71, -10.24, 32.98
CIELCh	87, 34.536, 107.246
Yxy	69.4214, 0.3583, 0.4044
Android (android.graphics.Color)	4292730266 (0xFFDDDD9A)
YUV	213.3620, -29.2655, 6.6985
Hunter-Lab	83.3176, -14.0307, 29.3389

Details

The HunterLab color $83.3176, -14.0307, 29.3389$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $59.3325, 10.2967, -31.6210$, and the grayscale version is $81.8446, -4.3670, 4.4468$.

A 20% lighter version of the original color is $98.6831, -12.5991, 24.3455$, and $60.1923, -11.7704, 24.5022$ is the 20% darker color. If you saturate the color by 10%, you get $82.9163, -16.2936, 35.2230$, and if you desaturate by 10%, it is $83.8016, -11.3446, 22.3416$.

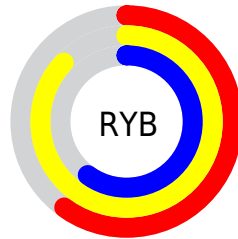
Distribution



Red (87%)

Green (87%)

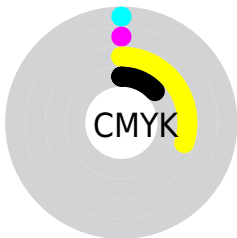
Blue (60%)



Red (60%)

Yellow (87%)

Blue (60%)

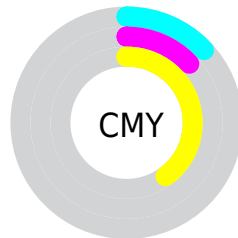


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.3176, -14.0307, 29.3389 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 83.3176, -14.0307, 29.3389 by changing the saturation by 10% instead.

■ 83.3176, -14.0307,
29.3389

■ 83.3176, -14.0307,
29.3389

214.1298,
-24.7067, 48.8719

■ 71.4527, -12.8981,
26.9569

■ 108.8040,
-16.3257, 33.9181

■ 60.2099, -11.7671,
24.4907

■ 122.3713,
-17.4864, 36.1362

■ 49.6278, -10.6364,
21.9193

136.4599,
-18.6583, 38.3180

■ 39.7504, -9.5004,
19.2126

151.0511,
-19.8422, 40.4701

■ 30.6324, -8.3506,
16.3294

166.1282,
-21.0385, 42.5975

■ 22.3430, -7.1730,
13.2150

181.6761,

■ 14.9754, -5.9428,

-22.2479, 44.7047

10.4828

197.6809,
-23.4705, 46.7951

■ 8.6203, -5.6364,
6.0342

0.0000, NaN, NaN

■ 83.3176, -14.0307,
29.3389

■ 83.3176, -14.0307,
29.3389

■ 82.9163, -16.2936,
35.2230

■ 83.8016, -11.3446,
22.3416

■ 82.5888, -18.1382,
40.0237

■ 84.3655, -8.2204,
14.2087

■ 82.3328, -19.5849,
43.7884

■ 85.0132, -4.6576,
4.9334

■ 82.1436, -20.6576,
46.5791

■ 85.7464, -0.6575,
-5.4810

■ 82.0152, -21.3868,
48.4758

■ 86.2030, 1.8162,
-11.9210

■ 81.9403, -21.8124,
49.5819

■ 86.2032, 1.8168,
-11.9208

■ 81.9062, -22.0063,
50.0849

■ 86.2034, 1.8173,
-11.9205

■ 86.2035, 1.8179,
-11.9203

■ 86.2037, 1.8185,
-11.9201

Harmonies

Analogous

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



83.3195, 2.9794, 29.7606



83.3176, -14.0307, 29.3389



83.3195, -27.3766, 23.1950

Triad

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



83.3195, -14.0332, 29.3398



83.3195, -25.7393, -22.0392



83.3195, 30.3325, -2.7153

Complementary

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



83.3176, -14.0307, 29.3389



59.3325, 10.2967, -31.6210

Split Complementary

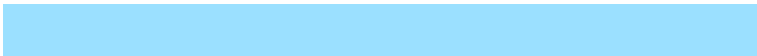
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3195, 21.2590, -19.7809



83.3176, -14.0307, 29.3389



83.3195, -11.6282, -32.3664

Square

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



83.3195, -14.0332, 29.3398



83.3195, -33.7491, -5.3447



83.3195, 5.5865, -31.4648



83.3195, 29.5564, 13.3364

Rectangle

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



83.3176, -14.0307, 29.3389



83.3195, -32.8154, 15.8118



83.3195, 5.5865, -31.4648



83.3195, 28.3042, -8.5774

Sweetspot

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



83.3195, -14.0332, 29.3398



99.3019, -9.1734, 15.4240



63.8891, 20.0928, 11.3479



45.8930, -4.5126, 7.8350

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.3195, -14.0332, 29.3398



97.6883, -18.1498, 38.7899



80.4224, -24.6401, 26.5853



39.0690, -3.6660, 6.2155



62.4252, -16.7721, 38.1725



15.8891, -4.2688, 9.7160

Inverse Universe

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



59.3325, 10.2967, -31.6210



64.2604, 16.2368, -47.4089



62.4189, 20.0972, -26.1674



35.5208, -0.1560, -2.5718



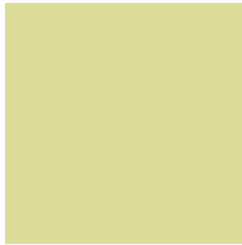
17.4147, 47.2370, -123.7350



4.4328, 12.0233, -31.4923

Previews

White Background



This preview shows how the HunterLab color 83.3176, -14.0307, 29.3389 looks on a white background.

Color Contrast Check

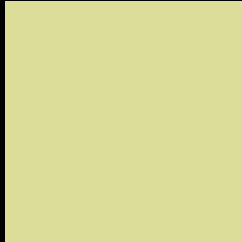
Large Text (above 18pt) WCAG AA × Fail

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 83.3176, -14.0307, 29.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

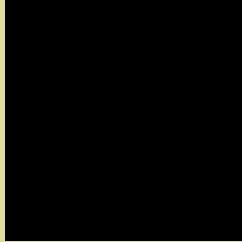
Any Text WCAG AA ✓ Pass

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 83.3176, -14.0307, 29.3389 Background



This preview shows how black text looks on a background with the HunterLab color 83.3176, -14.0307, 29.3389.



This preview shows how white text looks on a background with the HunterLab color 83.3176,

-14.0307, 29.3389.

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

83.3176, -14.0307, 29.3389

Protanopia

83.2977, -7.7415, 30.0481

Deuteranopia

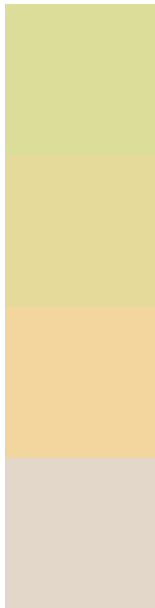
83.0331, 5.6663, 27.1872



Tritanopia

83.3735, 4.3500, -0.7461

Trichromacy



Original Color

83.3176, -14.0307, 29.3389

Protanomaly

83.1268, -9.9025, 29.5539

Deuteranomaly

83.1335, -1.7794, 28.1252

Tritanomaly

83.1558, -2.7290, 11.7933

Monochromacy



Original Color

83.3176, -14.0307, 29.3389

Achromatopsia

81.5713, -4.3524, 4.4319

Achromatomaly

82.1684, -8.2624, 14.5032

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.3176, -14.0307, 29.3389 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(221, 221, 154)` looks like.

```
.text, #text, p{  
    color:rgb(221, 221, 154)  
}
```

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(221, 221, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 221, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 83.3176, -14.0307, 29.3389 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(221, 221, 154) }
```


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

```
.border{ border-color:rgb(221, 221, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 221, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 221, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 221, 154); box-shadow:4px 4px 4px 4px rgb(221, 221, 154) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.3176, -14.0307, 29.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 221, 154) }
```

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

```
.background{ background-color: rgb(221,  
221, 154) }
```

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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