

Converting Colors

HunterLab(83.0090, 8.5532,
21.0269)

Have a look what the booklet for
HunterLab(83.0090, 8.5532,
21.0269) contains.

| | |
|--|----|
| HunterLab(83.1507, 8.3826, 20.9741) | 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(83.1507, 8.3826,
20.9741)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFCFB3 |
| RGB | 255, 207, 179 |
| RGB Percent | 100%, 81%, 70% |
| CMY | 0.0000, 0.1882, 0.2980 |
| CMYK | 0.00, 0.19, 0.30, 0.00 |
| HSL | 22°, 100%, 85% |
| HSV | 22°, 30%, 100% |
| XYZ | 71.6896, 69.1404, 52.2148 |
| YIQ | 218.1600, 37.5960, 1.4680 |

Conversions

Conversions Part 2

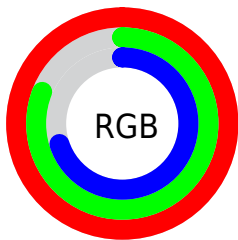
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 223, 179 |
| Decimal | 16764851 |
| CIE _{Lab} | 86.58, 13.01, 20.31 |
| CIE _{LCh} | 87, 24.115, 57.359 |
| Yxy | 69.1435, 0.3714, 0.3582 |
| Android (android.graphics.Color) | 4294954931 (0xFFFFCFB3) |
| YUV | 218.1600, -19.3059, 32.3087 |
| Hunter-Lab | 83.1507, 8.3826, 20.9741 |

Details

The HunterLab color **83.1507, 8.3826, 20.9741** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84.6991, -13.1173, -14.2645**, and the grayscale version is **83.8722, -4.4752, 4.5569**.

A 20% lighter version of the original color is **99.3872, -8.7033, 14.2019**, and **60.1325, 8.1126, 17.7333** is the 20% darker color. If you saturate the color by 10%, you get **77.9717, 13.8209, 25.2059**, and if you desaturate by 10%, it is **88.5877, 3.3798, 16.2012**.

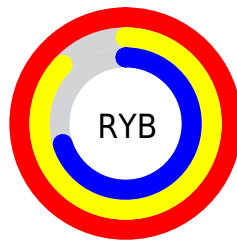
Distribution



Red (100%)

Green (81%)

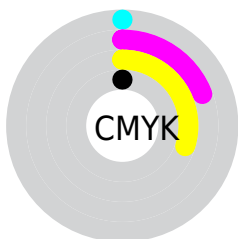
Blue (70%)



Red (100%)

Yellow (87%)

Blue (70%)

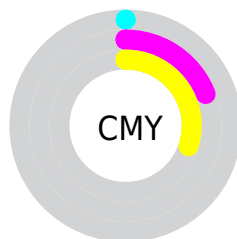


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1507, 8.3826, 20.9741 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 83.1507, 8.3826, 20.9741 by changing the saturation by 10% instead.

 83.1507, 8.3826,
20.9741

 83.1507, 8.3826,
20.9741

213.9012, 5.9039,
35.4613

 71.2942, 8.4102,
19.3071


 108.6216, 8.1468,
24.2459

 60.0602, 8.3766,
17.6060


122.1816, 7.9537,
25.8602

 49.4874, 8.2713,
15.8598


136.2632, 7.7140,
27.4661

 39.6201, 8.0851,
14.0512

150.8476, 7.4305,
29.0667

 30.5129, 7.8056,
12.1549

165.9182, 7.1057,
30.6647

 22.2355, 7.4158,
10.1316

181.4597, 6.7418,

 14.8813, 6.8917,

32.2620

8.1130

197.4582, 6.3407,
33.8604

■ 8.5317, 6.4252,
5.9722

0.0000, NaN, NaN

■ 83.1507, 8.3826,
20.9741

■ 83.1507, 8.3826,
20.9741

■ 77.9717, 13.8209,
25.2059

■ 88.5877, 3.3798,
16.2012

■ 73.0757, 19.7219,
28.8042

■ 94.2504, -1.2070,
10.9608

■ 68.4990, 26.0796,
31.6717

100.0000, -5.3358,
5.4332

■ 64.2796, 32.8581,
33.7076

■ 60.4571, 39.9719,
34.8245

■ 57.0700, 47.2690,
34.9784

■ 54.1450, 54.4900,
34.3021

■ 54.0919, 54.6275,
34.2875

Harmonies

Analogous

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



83.1526, 17.0697, 13.9986



83.1507, 8.3826, 20.9741



83.1526, -3.3749, 23.6097

Triad

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



83.1526, 8.3794, 20.9753



83.1526, -26.2670, 5.5317



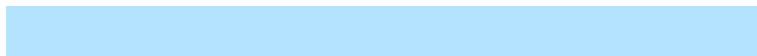
83.1526, 6.4354, -17.4337

Complementary

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



83.1507, 8.3826, 20.9741



84.6991, -13.1173, -14.2645

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.



83.1526, -5.5023, -20.5330



83.1507, 8.3826, 20.9741



83.1526, -23.9659, -6.2109

Square

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



83.1526, 8.3794, 20.9753



83.1526, -23.0003, 15.5206



83.1526, -16.5294, -16.1691



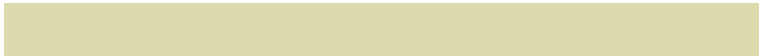
83.1526, 15.9033, -8.2103

Rectangle

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



83.1507, 8.3826, 20.9741



83.1526, -11.2170, 22.8757



83.1526, -16.5294, -16.1691



83.1526, 2.5586, -19.2787

Sweetspot

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



83.1526, 8.3794, 20.9753



94.7144, -1.5586, 10.5216



76.8468, 31.0040, -8.2492



43.4308, -0.4256, 5.2349

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.1526, 8.3794, 20.9753



79.9103, 11.6978, 23.6663



94.7307, -11.2877, 31.4820



43.6843, -0.6190, 4.9955



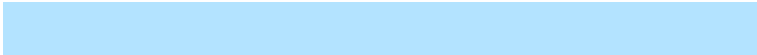
39.4318, 38.5906, 24.9733



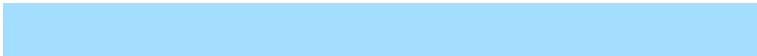
13.0924, 10.0054, 8.2427

Inverse Universe

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



84.6991, -13.1173, -14.2645



81.7506, -14.0266, -18.4859



72.9775, 6.4929, -31.7813



43.9205, -3.8715, -0.3404



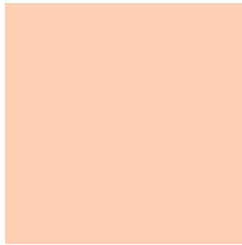
41.7048, -3.4678, -44.6415



13.7928, -2.3198, -12.2321

Previews

White Background



This preview shows how the HunterLab color 83.1507, 8.3826, 20.9741 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 83.1507, 8.3826, 20.9741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

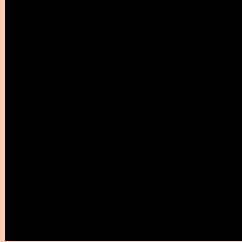
Any Text WCAG AA ✓ Pass

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 83.1507, 8.3826, 20.9741 Background



This preview shows how black text looks on a background with the HunterLab color 83.1507, 8.3826, 20.9741.



This preview shows how white text looks on a background with the HunterLab color 83.1507, 8.3826,

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

83.1507, 8.3826, 20.9741

Protanopia

83.1062, -5.3904, 18.7633

Deuteranopia

83.2856, 5.8212, 21.0616



Tritanopia

83.0552, 16.1001, 4.5981

Trichromacy



Original Color

83.1507, 8.3826, 20.9741

Protanomaly

83.1523, -0.6218, 19.6714

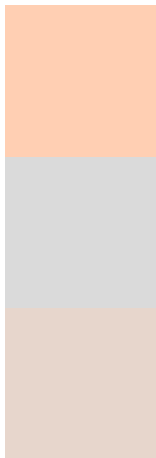
Deuteranomaly

83.1035, 6.7224, 20.8987

Tritanomaly

82.9202, 13.3531, 10.9299

Monochromacy



Original Color

83.1507, 8.3826, 20.9741

Achromatopsia

83.7318, -4.4677, 4.5493

Achromatomaly

83.3317, -0.3844, 10.6965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.1507, 8.3826, 20.9741 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(255, 207, 179)` looks like.

```
.text, #text, p{  
  color:rgb(255, 207, 179)  
}
```

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(255, 207, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 83.1507, 8.3826, 20.9741 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(255, 207, 179) }
```


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

```
.border{ border-color:rgb(255, 207, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.1507, 8.3826, 20.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 179) }
```

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

```
.background{ background-color: rgb(255,  
207, 179) }
```

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