

Converting Colors

HunterLab(80.7533, 0.1556,
20.5861)

Have a look what the booklet for
HunterLab(80.7533, 0.1556,
20.5861) contains.

HunterLab(80.8115, 0.2035, 20.7929)	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(80.8115, 0.2035,
20.7929)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCFAD
RGB	235, 207, 173
RGB Percent	92%, 81%, 68%
CMY	0.0784, 0.1882, 0.3216
CMYK	0.00, 0.12, 0.26, 0.08
HSL	33°, 61%, 80%
HSV	33°, 26%, 92%
XYZ	64.1166, 65.3050, 48.7611
YIQ	211.4960, 27.6020, -4.6380

Conversions

Conversions Part 2

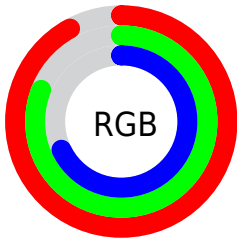
Format	Color
R _Y B	224, 235, 173
Decimal	15454125
CIE Lab	84.64, 4.71, 20.50
CIE LCh	85, 21.039, 77.056
Yxy	65.3080, 0.3598, 0.3665
Android (android.graphics.Color)	4293644205 (0xFFEBCFAD)
YUV	211.4960, -18.9785, 20.6130
Hunter-Lab	80.8115, 0.2035, 20.7929

Details

The HunterLab color $80.8115, 0.2035, 20.7929$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $75.2690, -5.7582, -15.6323$, and the grayscale version is $80.9955, -4.3217, 4.4006$.

A 20% lighter version of the original color is $99.2155, -9.6507, 16.6687$, and $58.0919, 1.0689, 17.3524$ is the 20% darker color. If you saturate the color by 10%, you get $77.1404, 2.8126, 25.5669$, and if you desaturate by 10%, it is $84.6257, -2.0176, 15.3111$.

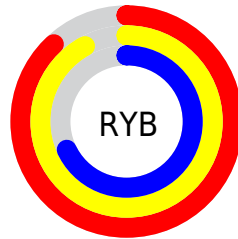
Distribution



Red (92%)

Green (81%)

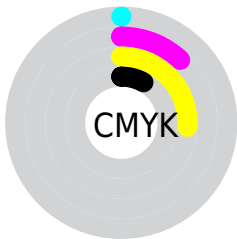
Blue (68%)



Red (88%)

Yellow (92%)

Blue (68%)

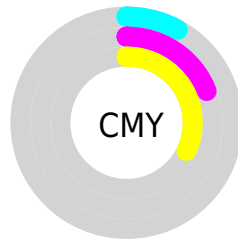


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (19%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.8115, 0.2035, 20.7929 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 80.8115, 0.2035, 20.7929 by changing the saturation by 10% instead.

 80.8115, 0.2035,
20.7929

 80.8115, 0.2035,
20.7929

210.6888, -5.0678,
35.3678

 69.0730, 0.6027,
19.1093


 106.0625, -0.7281,
24.0917

 57.9637, 0.9584,
17.3888

119.5193, -1.2499,
25.7172

 47.5236, 1.2636,
15.6194

133.5016, -1.8070,
27.3332

 37.7986, 1.5126,
13.7823

147.9902, -2.3977,
28.9431

 28.8457, 1.6980,
11.8497

162.9680, -3.0204,
30.5495

 20.7386, 1.8090,
9.7780

178.4196, -3.6738,

 13.5766, 1.8295,

32.1546

8.0562

194.3309, -4.3566,
33.7602

■ 7.1688, 2.4817,
5.0182

0.0000, NaN, NaN

■ 80.8115, 0.2035,
20.7929

■ 80.8115, 0.2035,
20.7929

■ 77.1404, 2.8126,
25.5669

■ 84.6257, -2.0176,
15.3111

■ 73.6175, 5.8379,
29.5674

■ 88.5675, -3.8659,
9.1789

■ 70.2558, 9.2913,
32.7352

■ 92.6296, -5.3688,
2.4546

■ 67.0665, 13.1782,
35.0171

■ 96.3910, -8.8228,
1.0481

64.0608, 17.4904,
36.3762

98.1846, -11.7096,
3.1659

61.2483, 22.1996,
36.8066

58.6359, 27.2472,
36.3613

57.7354, 29.1135,
36.0859

Harmonies

Analogous

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



80.8133, 9.7284, 17.0938



80.8115, 0.2035, 20.7929



80.8133, -10.0846, 20.5192

Triad

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



80.8133, 0.2008, 20.7940



80.8133, -22.5171, -1.3674



80.8133, 10.8112, -9.6269

Complementary

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



80.8115, 0.2035, 20.7929



75.2690, -5.7582, -15.6323

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.



80.8133, 1.6184, -15.9273



80.8115, 0.2035, 20.7929



80.8133, -17.4629, -10.7619

Square

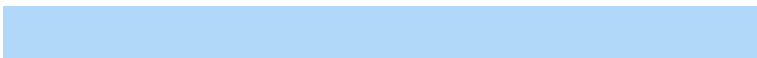
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8133, 0.2008, 20.7940



80.8133, -22.8537, 8.5352



80.8133, -8.7364, -16.3671



80.8133, 16.0589, 0.0317

Rectangle

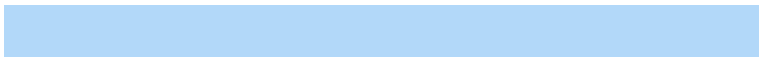
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8115, 0.2035, 20.7929



80.8133, -15.9895, 18.1250



80.8133, -8.7364, -16.3671



80.8133, 8.0595, -12.2580

Sweetspot

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



80.8133, 0.2008, 20.7940



96.4459, -3.9330, 11.2292



71.9800, 22.4738, -1.2453



44.3155, -1.6849, 5.6778

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.8133, 0.2008, 20.7940



86.3225, 1.8165, 25.9293



89.3009, -14.6892, 28.5202



40.5259, -1.5470, 5.1667



43.3710, 21.0578, 27.0936



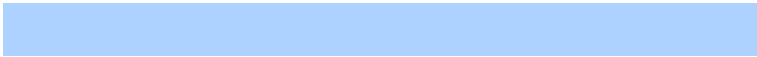
12.9185, 4.2783, 8.0352

Inverse Universe

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



75.2690, -5.7582, -15.6323



78.9710, -6.0171, -22.4735



67.0880, 9.3351, -27.9590



39.5842, -2.5727, -0.9999



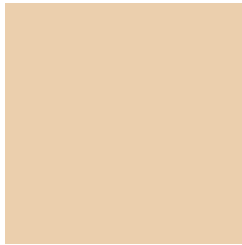
30.5536, 12.8057, -65.8332



9.6064, 1.5041, -15.2540

Previews

White Background



This preview shows how the HunterLab color 80.8115, 0.2035, 20.7929 looks on a white background.

Color Contrast Check

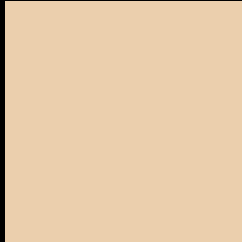
Large Text (above 18pt) WCAG AA × Fail

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 80.8115, 0.2035, 20.7929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

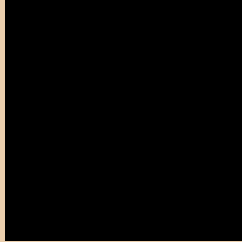
Any Text WCAG AA ✓ Pass

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 80.8115, 0.2035, 20.7929 Background



This preview shows how black text looks on a background with the HunterLab color 80.8115, 0.2035, 20.7929.



This preview shows how white text looks on a background with the HunterLab color 80.8115, 0.2035,

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

80.8115, 0.2035, 20.7929

Protanopia

80.8527, -5.7981, 19.9785

Deuteranopia

80.7343, 6.0797, 20.4466



Tritanopia

80.8136, 11.7473, 1.8407

Trichromacy



Original Color

80.8115, 0.2035, 20.7929

Protanomaly

80.9198, -4.0390, 20.4511

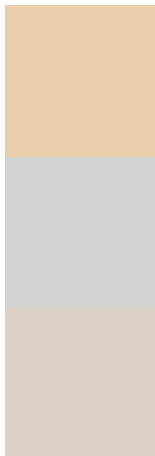
Deuteranomaly

80.5869, 4.0742, 20.2668

Tritanomaly

80.6883, 7.3644, 9.2447

Monochromacy



Original Color

80.8115, 0.2035, 20.7929

Achromatopsia

80.7097, -4.3065, 4.3851

Achromatomaly

80.8332, -3.1336, 11.0090

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.8115, 0.2035, 20.7929 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(235, 207, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 207, 173)  
}
```

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(235, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 207, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 80.8115, 0.2035, 20.7929 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(235, 207, 173) }
```


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

```
.border{ border-color:rgb(235, 207, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 207, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 207,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.8115, 0.2035, 20.7929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 207, 173) }
```

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

```
.background{ background-color: rgb(235,  
207, 173) }
```

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