

Converting Colors

HunterLab(84.8913, 2.5989,
29.7590)

Have a look what the booklet for
HunterLab(84.8913, 2.5989,
29.7590) contains.

HunterLab(84.7477, 2.2003, 29.6290)	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(84.7477, 2.2003,
29.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD69E
RGB	255, 214, 158
RGB Percent	100%, 84%, 62%
CMY	0.0000, 0.1608, 0.3804
CMYK	0.00, 0.16, 0.38, 0.00
HSL	35°, 100%, 81%
HSV	35°, 38%, 100%
XYZ	71.4581, 71.8217, 42.4444
YIQ	219.8750, 42.4120, -8.7240

Conversions

Conversions Part 2

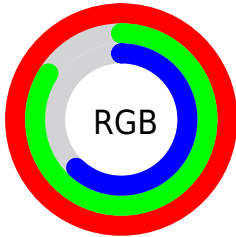
Format	Color
R_{YB}	229, 255, 158
Decimal	16766622
CIE _{Lab}	87.88, 6.87, 33.01
CIE _{LCh}	88, 33.717, 78.237
Yxy	71.8251, 0.3847, 0.3867
Android (android.graphics.Color)	4294956702 (0xFFFFD69E)
YUV	219.8750, -30.5044, 30.8046
Hunter-Lab	84.7477, 2.2003, 29.6290

Details

The HunterLab color **84.7477, 2.2003, 29.6290** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74.3869, -4.0212, -29.6406**, and the grayscale version is **84.6611, -4.5173, 4.5998**.

A 20% lighter version of the original color is **98.7847, -12.0352, 22.8772**, and **61.4062, 3.0748, 24.7263** is the 20% darker color. If you saturate the color by 10%, you get **81.0926, 5.2362, 33.9679**, and if you desaturate by 10%, it is **88.5625, -0.3810, 24.3893**.

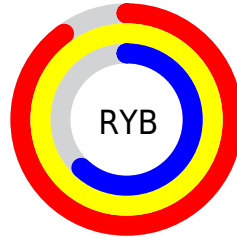
Distribution



Red (100%)

Green (84%)

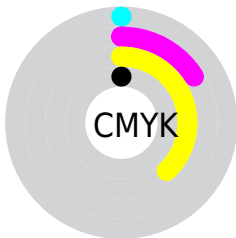
Blue (62%)



Red (90%)

Yellow (100%)

Blue (62%)

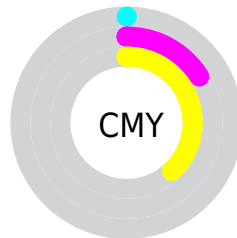


Cyan (0%)

Magenta (16%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.7477, 2.2003, 29.6290 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 84.7477, 2.2003, 29.6290 by changing the saturation by 10% instead.

 84.7477, 2.2003,
29.6290


 84.7477, 2.2003,
29.6290

216.0862, -2.4208,
49.1406

 72.8120, 2.5133,
27.2543

 110.3666, 1.4296,
34.1985

 61.4942, 2.7795,
24.7973

 123.9960, 0.9842,
36.4132

 50.8325, 2.9906,
22.2378


138.1444, 0.5010,
38.5924

 40.8700, 3.1403,
19.5470

152.7934, -0.0181,
40.7425

 31.6597, 3.2204,
16.6852

167.9265, -0.5712,
42.8684

 23.2690, 3.2191,
13.5971

183.5286, -1.1570,

 15.7874, 3.1192,

44.9745

11.0512

199.5860, -1.7739,
47.0642

■ 9.3426, 2.8938,
6.5398

0.0000, NaN, NaN

■ 84.7477, 2.2003,
29.6290

■ 84.7477, 2.2003,
29.6290

■ 81.0926, 5.2362,
33.9679

■ 88.5625, -0.3810,
24.3893

■ 77.6015, 8.7499,
37.3429

■ 92.5211, -2.5181,
18.3105

■ 74.2865, 12.7421,
39.7060

■ 96.6158, -4.2381,
11.4586

■ 71.1570, 17.2018,
41.0301

100.0000, -5.3358,
5.4332

■ 68.2204, 22.0966,
41.3270

■ 65.4792, 27.3559,
40.6968

■ 64.9611, 28.4060,
40.5260

Harmonies

Analogous

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



84.7497, 18.2103, 24.5756



84.7477, 2.2003, 29.6290



84.7497, -14.4538, 29.0250

Triad

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



84.7497, 2.1971, 29.6301



84.7497, -33.2222, -5.6373



84.7497, 21.0874, -18.6546

Complementary

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



84.7477, 2.2003, 29.6290



74.3869, -4.0212, -29.6406

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.



84.7497, 5.8798, -30.2924



84.7477, 2.2003, 29.6290



84.7497, -25.0935, -21.8216

Square

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



84.7497, 2.1971, 29.6301



84.7497, -34.0387, 10.6734



84.7497, -11.0470, -31.5533



84.7497, 29.6738, -1.9305

Rectangle

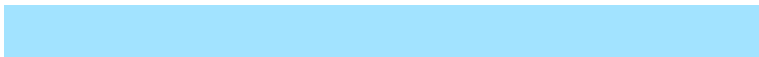
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7477, 2.2003, 29.6290



84.7497, -23.7072, 25.4706



84.7497, -11.0470, -31.5533



84.7497, 16.5278, -23.4212

Sweetspot

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



84.7497, 2.1971, 29.6301



95.3895, -3.7707, 13.5646



70.6301, 37.8799, -1.7028



43.8736, -1.6401, 6.7119

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.7497, 2.1971, 29.6301



81.8250, 4.5785, 33.1600



96.9757, -20.9215, 39.6120



44.4174, -1.8557, 5.7872



47.2782, 19.8462, 29.4800



15.4688, 4.7060, 9.6142

Inverse Universe

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



74.3869, -4.0212, -29.6406



69.4655, -2.5653, -37.9899



62.9419, 19.4089, -49.9943



43.1735, -2.6465, -1.2521



31.0350, 16.7843, -75.0235



10.7170, 3.0463, -19.9715

Previews

White Background



This preview shows how the HunterLab color 84.7477, 2.2003, 29.6290 looks on a white background.

Color Contrast Check

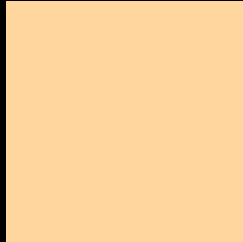
Large Text (above 18pt) WCAG AA × Fail

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 84.7477, 2.2003, 29.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

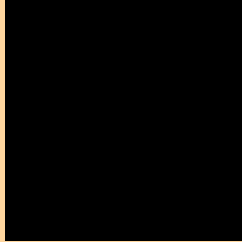
Any Text WCAG AA ✓ Pass

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 84.7477, 2.2003, 29.6290 Background



This preview shows how black text looks on a background with the HunterLab color 84.7477, 2.2003, 29.6290.



This preview shows how white text looks on a background with the HunterLab color 84.7477, 2.2003,

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

84.7477, 2.2003, 29.6290

Protanopia

84.7137, -7.1762, 28.4756

Deuteranopia

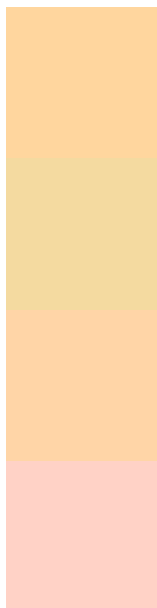
84.7508, 4.3428, 24.9947



Tritanopia

84.6122, 14.0471, 4.4492

Trichromacy



Original Color

84.7477, 2.2003, 29.6290

Protanomaly

84.8021, -3.7448, 28.9367

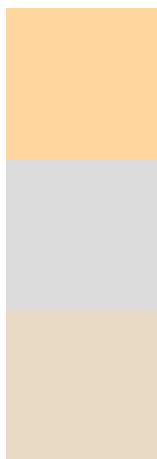
Deuteranomaly

84.6395, 3.7443, 26.6103

Tritanomaly

84.5165, 9.3981, 14.7638

Monochromacy



Original Color

84.7477, 2.2003, 29.6290

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

84.5563, -2.8330, 15.0144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.7477, 2.2003, 29.6290 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, 214, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 158)  
}
```

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, 214, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 84.7477, 2.2003, 29.6290 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, 214, 158) }
```


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

```
.border{ border-color:rgb(255, 214, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.7477, 2.2003, 29.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 158) }
```

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

```
.background{ background-color: rgb(255,  
214, 158) }
```

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