

# Converting Colors

HunterLab(86.7080, 12.2193,  
2.3784)

Have a look what the booklet for  
HunterLab(86.7080, 12.2193,  
2.3784) contains.

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# Color

**HunterLab(86.6408, 12.3100,  
2.3730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD6E6
RGB	255, 214, 230
RGB Percent	100%, 84%, 90%
CMY	0.0000, 0.1608, 0.0980
CMYK	0.00, 0.16, 0.10, 0.00
HSL	337°, 100%, 92%
HSV	337°, 16%, 100%
XYZ	79.5695, 75.0663, 85.1584
YIQ	228.0830, 19.3000, 13.6680

# Conversions

## Conversions Part 2

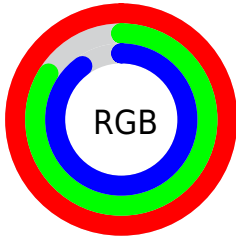
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 214, 230
Decimal	16766694
CIE Lab	89.43, 16.82, -2.50
CIE LCh	89, 17.005, 351.539
Yxy	75.0694, 0.3318, 0.3130
Android (android.graphics.Color)	4294956774 (0xFFFFD6E6)
YUV	228.0830, 0.9451, 23.6062
Hunter-Lab	86.6408, 12.3100, 2.3730

# Details

The HunterLab color  $86.6408, 12.3100, 2.3730$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $95.9423, -20.7825, 8.2885$ , and the grayscale version is  $88.1086, -4.7013, 4.7871$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.1642, 12.1794, 1.0649$  is the 20% darker color. If you saturate the color by 10%, you get  $78.9437, 23.5781, 1.0503$ , and if you desaturate by 10%, it is  $94.8241, 1.2569, 4.1616$ .

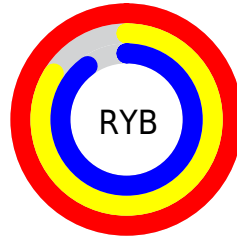
# Distribution



Red (100%)

Green (84%)

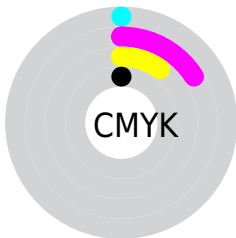
Blue (90%)



Red (100%)

Yellow (84%)

Blue (90%)

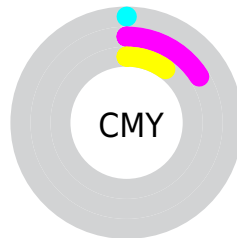


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.6408, 12.3100, 2.3730 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 86.6408, 12.3100, 2.3730 by changing the saturation by 10% instead.




 86.6408, 12.3100,  
2.3730

 86.6408, 12.3100,  
2.3730


218.6678, 10.9913,  
8.7344

 74.6122, 12.1882,  
1.8302


112.4325, 12.3587,  
3.5713

 63.1967, 11.9994,  
1.3252


126.1432, 12.3011,  
4.2202

 52.4313, 11.7329,  
0.8624


140.3699, 12.1929,  
4.9007

 42.3578, 11.3787,  
0.4454

155.0945, 12.0374,  
5.6114

 33.0276, 10.9242,  
0.0787

170.3008, 11.8372,  
6.3511

 24.5054, 10.3526,  
-0.2313

185.9739, 11.5947,

 16.8767, 9.6412,

7.1188

-0.4759

202.1004, 11.3122,  
7.9135

■ 10.2617, 8.7613,  
-0.6417

0.0000, INF, -NF

■ 86.6408, 12.3100,  
2.3730

■ 86.6408, 12.3100,  
2.3730

■ 78.9437, 23.5781,  
1.0503

■ 94.8241, 1.2569,  
4.1616

■ 71.8160, 34.9748,  
0.3062

100.0000, -5.3358,  
5.4332

■ 65.3675, 46.2866,  
0.2810

■ 59.7239, 57.1276,  
1.1215

■ 55.0199, 66.8908,  
2.9467

■ 51.3767, 74.7845,  
5.7849

■ 48.8633, 80.0324,  
9.5026

■ 47.4442, 82.2488,  
13.7705

■ 47.0855, 82.5688,  
15.4375

# Harmonies

## Analogous

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



86.6426, 8.6768, -5.6272



86.6408, 12.3100, 2.3730



86.6426, 11.2631, 10.2840

# Triad

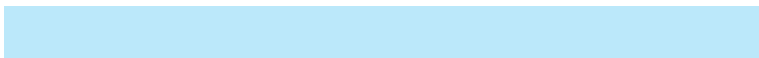
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6426, 12.3070, 2.3744



86.6426, -10.6035, 18.0846



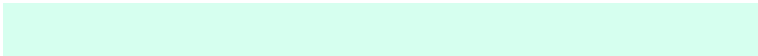
86.6426, -14.6550, -8.4987

# Complementary

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



86.6408, 12.3100, 2.3730



95.9423, -20.7825, 8.2885

# 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.



86.6426, -19.4498, -1.2475



86.6408, 12.3100, 2.3730



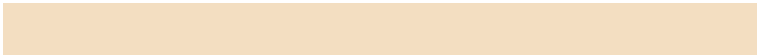
86.6426, -17.1748, 13.9233

# Square

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



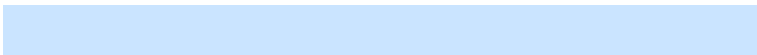
86.6426, 12.3070, 2.3744



86.6426, -2.1861, 18.8513



86.6426, -20.3540, 6.9944



86.6426, -7.0425, -12.2927



# Rectangle

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



86.6408, 12.3100, 2.3730



86.6426, 8.0739, 14.4939



86.6426, -20.3540, 6.9944



86.6426, -16.6372, -6.3531

# Sweetspot

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



86.6426, 12.3070, 2.3744



95.7301, 0.0825, 4.3774



85.7891, 11.2480, -12.3249



44.0151, 0.3928, 1.9597

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

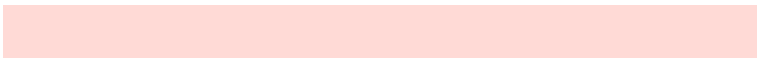
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6426, 12.3070, 2.3744



84.3380, 15.5824, 1.9346



87.3572, 7.4798, 10.7791



42.5493, 2.3214, 1.6206



34.0759, 59.8317, 10.5799



10.7297, 19.0241, 1.9017



# Inverse Universe

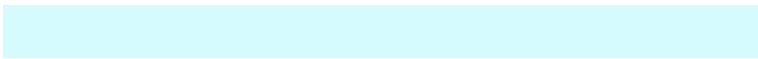
The Inverse Universe completely reimagines the original color for something new.



86.6426, 12.3070, 2.3744



84.3380, 15.5824, 1.9346



95.1048, -15.8152, -0.6538



42.5493, 2.3214, 1.6206



34.0759, 59.8317, 10.5799

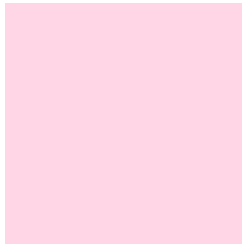


10.7297, 19.0241, 1.9017



# Previews

## White Background



This preview shows how the HunterLab color 86.6408, 12.3100, 2.3730 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

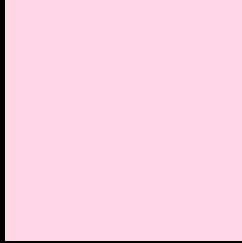
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.6408, 12.3100, 2.3730 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

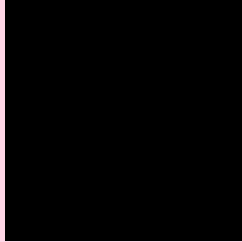
Any Text WCAG AA ✓ Pass

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 86.6408, 12.3100, 2.3730 Background



This preview shows how black text looks on a background with the HunterLab color 86.6408, 12.3100, 2.3730.



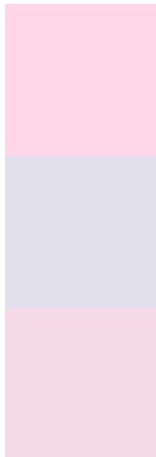
This preview shows how white text looks on a background with the HunterLab color 86.6408, 12.3100,

2.3730.

# 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

86.6408, 12.3100, 2.3730

### Protanopia

86.9116, -1.8383, -0.6140

### Deuteranopia

86.7251, 6.4480, 2.8740



## Tritanopia

86.6733, 12.4818, 1.9102

# Trichromacy



## Original Color

86.6408, 12.3100, 2.3730

## Protanomaly

86.6784, 3.5241, 0.2269

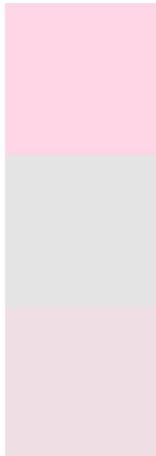
## Deuteranomaly

86.8462, 8.3836, 3.0532

## Tritanomaly

86.6733, 12.4818, 1.9102

# Monochromacy



## Original Color

86.6408, 12.3100, 2.3730

## Achromatopsia

88.0808, -4.6998, 4.7856

## Achromatomaly

87.5269, 1.3928, 3.7439

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.6408, 12.3100, 2.3730 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 230) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.6408, 12.3100, 2.3730 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, 230) }
```



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

```
.border{ border-color:rgb(255, 214, 230) }
```

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, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
230) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.6408, 12.3100, 2.3730 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
214, 230) }
```

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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