

# Converting Colors

HunterLab(90.3201, 2.6056,  
10.2661)

Have a look what the booklet for  
HunterLab(90.3201, 2.6056,  
10.2661) contains.

<b>HunterLab(90.3567, 2.7533, 10.3790)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(90.3567, 2.7533,  
10.3790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDE4DE
RGB	253, 228, 222
RGB Percent	99%, 89%, 87%
CMY	0.0078, 0.1059, 0.1294
CMYK	0.00, 0.10, 0.12, 0.01
HSL	12°, 89%, 93%
HSV	12°, 12%, 99%
XYZ	81.4362, 81.6433, 80.5738
YIQ	234.7910, 16.8260, 3.4340

# Conversions

## Conversions Part 2

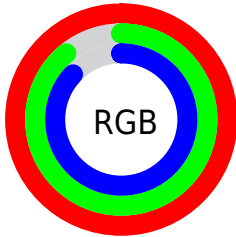
Format	Color
R <sub>Y</sub> B	253, 229, 222
Decimal	16639198
CIE Lab	92.42, 7.58, 6.03
CIE LCh	92, 9.680, 38.503
Yxy	81.6470, 0.3342, 0.3351
Android (android.graphics.Color)	4294829278 (0xFFFDE4DE)
YUV	234.7910, -6.3060, 15.9693
Hunter-Lab	90.3567, 2.7533, 10.3790

# Details

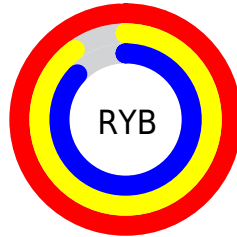
The HunterLab color  $90.3567, 2.7533, 10.3790$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $94.4146, -11.8713, -0.3873$ , and the grayscale version is  $91.0781, -4.8597, 4.9484$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $66.6430, 3.0574, 8.5932$  is the 20% darker color. If you saturate the color by 10%, you get  $83.5586, 9.7430, 14.3047$ , and if you desaturate by 10%, it is  $97.4686, -3.8511, 6.3161$ .

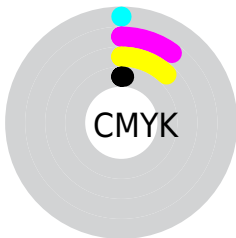
# Distribution



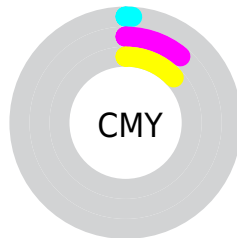
- Red (99%)
- Green (89%)
- Blue (87%)



- Red (99%)
- Yellow (90%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (1%)




- Cyan (1%)
- Magenta (11%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.3567, 2.7533, 10.3790 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 90.3567, 2.7533, 10.3790 by changing the saturation by 10% instead.




 90.3567, 2.7533,  
10.3790

 90.3567, 2.7533,  
10.3790


223.7110, -1.7733,  
19.6760

 78.1502, 3.0567,  
9.4407

116.4812, 2.0041,  
12.3151

 66.5472, 3.3130,  
8.5186


130.3484, 1.5692,  
13.3105

 55.5832, 3.5149,  
7.6131


144.7260, 1.0966,  
14.3247

 45.2977, 3.6565,  
6.7225

159.5964, 0.5881,  
15.3578

 35.7390, 3.7300,  
5.8439

174.9439, 0.0454,  
16.4096

 26.9671, 3.7249,  
4.9726

190.7541, -0.5300,

 19.0603, 3.6261,

17.4800

4.0997

207.0139, -1.1366,  
18.5688

■ 12.1261, 3.4102,  
3.2079

■ 5.1747, 6.1028,  
3.6223

■ 90.3567, 2.7533,  
10.3790

■ 90.3567, 2.7533,  
10.3790

■ 83.5586, 9.7430,  
14.3047

■ 97.4686, -3.8511,  
6.3161

■ 77.1148, 17.1539,  
18.0411

■ 99.8112, -5.9930,  
5.1993

■ 71.0831, 24.9874,  
21.5216

■ 65.5302, 33.2024,  
24.6518

■ 60.5326, 41.6822,  
27.3080

■ 56.1739, 50.1990,  
29.3420

■ 52.5371, 58.3873,  
30.6048

■ 49.6897, 65.7533,  
31.0020

■ 48.0415, 70.5193,  
30.8375

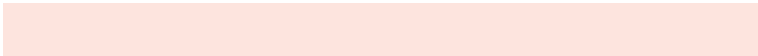
# Harmonies

## Analogous

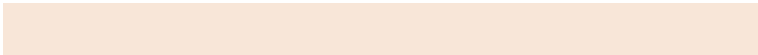
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.3587, 4.7901, 6.2482



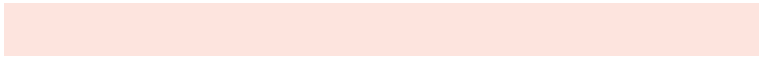
90.3567, 2.7533, 10.3790



90.3587, -1.3085, 12.9508

# Triad

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



90.3587, 2.7507, 10.3804



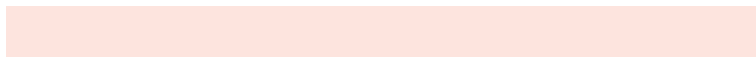
90.3587, -13.5204, 8.1768



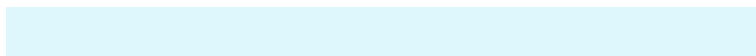
90.3587, -3.4132, -4.5113

# Complementary

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



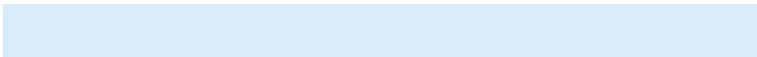
90.3567, 2.7533, 10.3790



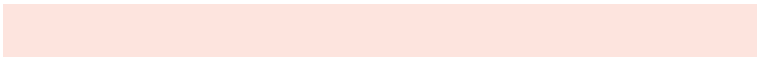
94.4146, -11.8713, -0.3873

# Split Complementary

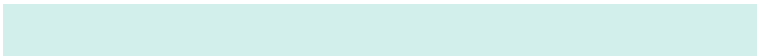
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3587, -8.2908, -3.9264



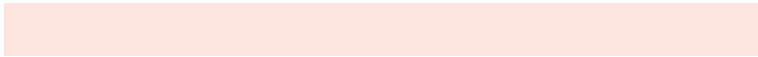
90.3567, 2.7533, 10.3790



90.3587, -14.0564, 3.5682

# Square

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



90.3587, 2.7507, 10.3804



90.3587, -10.6809, 11.7270



90.3587, -12.1613, -0.9073

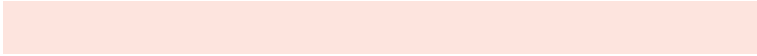


90.3587, 1.1816, -2.4649



# Rectangle

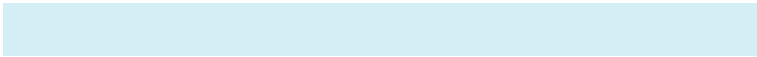
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



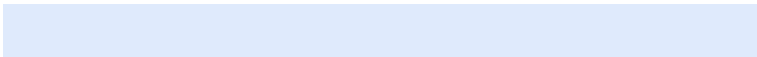
90.3567, 2.7533, 10.3790



90.3587, -4.5772, 13.5169



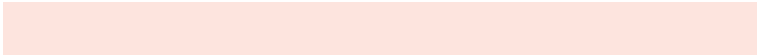
90.3587, -12.1613, -0.9073



90.3587, -5.0749, -4.6180

# Sweetspot

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



90.3587, 2.7507, 10.3804



97.0694, -2.7475, 7.0987



89.3651, 10.3313, -3.3049



44.6561, -1.0430, 3.4282

0.0000, NaN, NaN

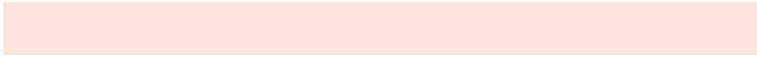


46.2646, -2.4686, 2.5136

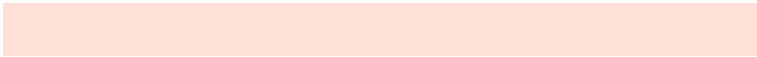


# Same Dimension

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



90.3587, 2.7507, 10.3804



89.2488, 4.6773, 11.5798



95.0624, -5.2526, 15.3824



43.0771, 0.4209, 4.3307



35.2628, 50.7255, 22.6168

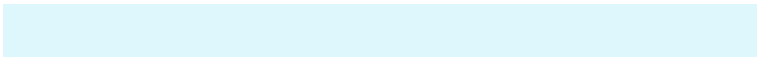


11.6322, 13.9229, 7.4115

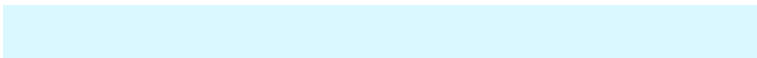


# Inverse Universe

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



94.4146, -11.8713, -0.3873



94.2428, -13.3393, -1.6811



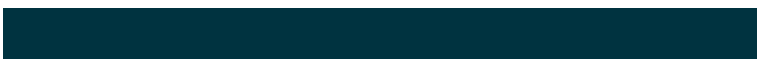
89.5727, -3.9846, -6.3874



44.5513, -4.8910, 0.4176



51.9152, -18.5746, -24.7923

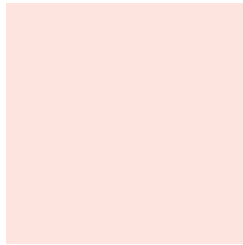


16.6441, -6.3935, -7.0019



# Previews

## White Background



This preview shows how the HunterLab color 90.3567, 2.7533, 10.3790 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

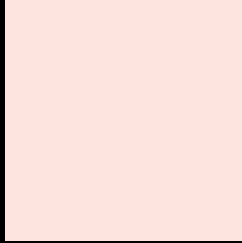
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.3567, 2.7533, 10.3790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

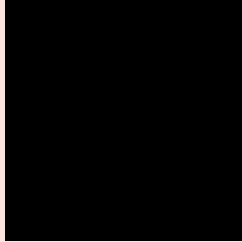
Any Text WCAG AA ✓ Pass

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 90.3567, 2.7533, 10.3790 Background



This preview shows how black text looks on a background with the HunterLab color 90.3567, 2.7533, 10.3790.



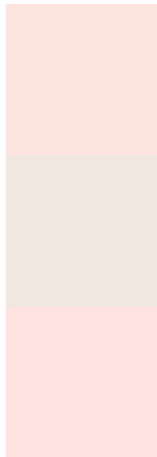
This preview shows how white text looks on a background with the HunterLab color 90.3567, 2.7533,

10.3790.

# 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

90.3567, 2.7533, 10.3790

### Protanopia

90.3440, -3.5042, 9.3274

### Deuteranopia

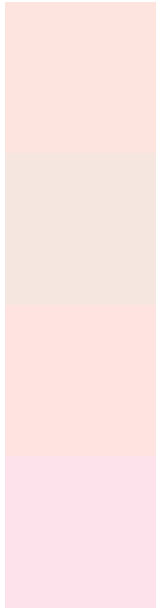
90.3518, 4.4766, 9.0079



## Tritanopia

90.2891, 8.4406, 0.6205

# Trichromacy



## Original Color

90.3567, 2.7533, 10.3790

## Protanomaly

90.4942, -1.4496, 9.9973

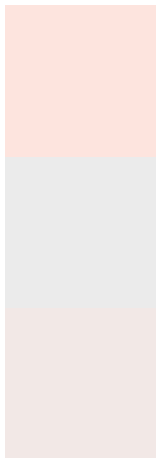
## Deuteranomaly

90.2169, 3.9606, 9.3145

## Tritanomaly

90.2561, 6.3294, 4.0950

# Monochromacy



## Original Color

90.3567, 2.7533, 10.3790

## Achromatopsia

91.1466, -4.8634, 4.9522

## Achromatomaly

90.7214, -1.8345, 6.9441

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.3567, 2.7533, 10.3790 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(253, 228, 222)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 222)  
}
```

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(253, 228, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 222) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.3567, 2.7533, 10.3790 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(253, 228, 222) }
```



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

```
.border{ border-color:rgb(253, 228, 222) }
```

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

Here you see how a box with a 4 pixel rgb(253, 228, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 222);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
222) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.3567, 2.7533, 10.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 222) }
```

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

```
.background{ background-color: rgb(253,  
228, 222) }
```

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