

Converting Colors

HunterLab(80.1947, 27.9318,
15.2405)

Have a look what the booklet for
HunterLab(80.1947, 27.9318,
15.2405) contains.

HunterLab(77.7100, 20.1574, 12.3677)	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(77.7100, 20.1574,
12.3677)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBBB
RGB	255, 187, 187
RGB Percent	100%, 73%, 73%
CMY	0.0000, 0.2666, 0.2667
CMYK	0.00, 0.27, 0.27, 0.00
HSL	0°, 100%, 87%
HSV	0°, 27%, 100%
XYZ	67.9799, 60.3884, 55.0868
YIQ	207.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

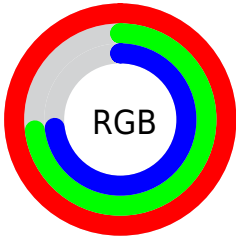
Format	Color
R _Y B	255, 187, 187
Decimal	16759739
CIE Lab	82.05, 24.52, 9.69
CIE LCh	82, 26.364, 21.556
Yxy	60.3912, 0.3706, 0.3292
Android (android.graphics.Color)	4294949819 (0xFFFFBBBB)
YUV	207.3320, -10.0237, 41.8048
Hunter-Lab	77.7100, 20.1574, 12.3677

Details

The HunterLab color $77.7100, 20.1574, 12.3677$ is a light color, and the websafe version is hex $FFCCCC$. A complement of this color would be $94.4996, -25.0250, -1.5658$, and the grayscale version is $79.1644, -4.2240, 4.3012$.

A 20% lighter version of the original color is $95.8291, -1.0494, 6.5686$, and $55.1059, 19.2584, 10.0264$ is the 20% darker color. If you saturate the color by 10%, you get $70.3695, 30.4482, 15.2894$, and if you desaturate by 10%, it is $85.6612, 10.2465, 9.6217$.

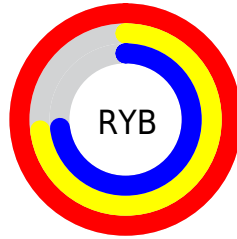
Distribution



Red (100%)

Green (73%)

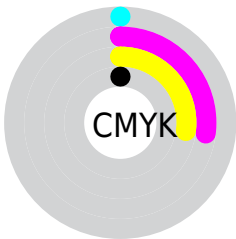
Blue (73%)



Red (100%)

Yellow (73%)

Blue (73%)

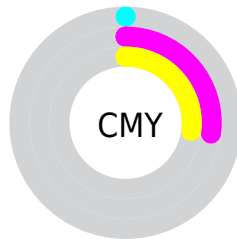


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.7100, 20.1574, 12.3677 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 77.7100, 20.1574, 12.3677 by changing the saturation by 10% instead.


 77.7100, 20.1574,
12.3677

 77.7100, 20.1574,
12.3677


206.4070, 21.7266,
22.8247

 66.1317, 19.6491,
11.2614


 102.6630, 20.9291,
14.6074

 55.1919, 19.0546,
10.1577


115.9803, 21.2121,
15.7420

 44.9323, 18.3603,
9.0532


129.8283, 21.4324,
16.8887

 35.4014, 17.5530,
7.9409

144.1874, 21.5943,
18.0481

 26.6599, 16.6173,
6.8097

159.0400, 21.7016,
19.2211

 18.7867, 15.5356,
5.6406


174.3702, 21.7576,

 11.8911, 14.2963,


20.4080


4.4578


190.1636, 21.7651,
21.6091


 4.7643, 22.1715,
3.3350


0.0000, NaN, NaN


 77.7100, 20.1574,
12.3677


 77.7100, 20.1574,
12.3677

 70.3695, 30.4482,
15.2894


 85.6612, 10.2465,
9.6217

 63.7564, 40.9819,
18.3426

 94.1189, 0.7612,
7.0525

 58.0167, 51.4232,
21.4277

100.0000, -5.3358,
5.4332

 53.3058, 61.1837,
24.3585

■ 49.7617, 69.4334,
26.8669

■ 47.4558, 75.3117,
28.6697

■ 46.3288, 78.3537,
29.6069

■ 46.1090, 78.9608,
29.7945

Harmonies

Analogous

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



77.7118, 21.7923, 0.7040



77.7100, 20.1574, 12.3677



77.7118, 11.7927, 20.4592

Triad

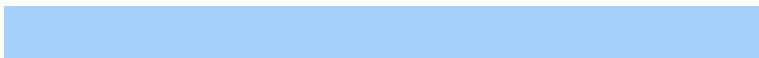
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7118, 20.1542, 12.3690



77.7118, -22.5466, 17.4540



77.7118, -7.7407, -22.7523

Complementary

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



77.7100, 20.1574, 12.3677



94.4996, -25.0250, -1.5658

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.



77.7118, -18.9041, -16.4898



77.7100, 20.1574, 12.3677



77.7118, -27.0817, 7.5983

Square

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



77.7118, 20.1542, 12.3690



77.7118, -13.0098, 23.0465



77.7118, -25.7928, -4.8971



77.7118, 5.1240, -20.9188

Rectangle

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



77.7100, 20.1574, 12.3677



77.7118, 3.8105, 23.3641



77.7118, -25.7928, -4.8971



77.7118, -11.8037, -21.4919

Sweetspot

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



77.7118, 20.1542, 12.3690



92.9644, 2.0023, 7.3853



80.0132, 31.8899, -20.2425



42.4115, 1.5781, 3.5921

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.7118, 20.1542, 12.3690



73.7128, 25.6027, 13.9066



87.4992, 2.0532, 22.0953



42.4115, 1.5781, 3.5921



33.3303, 57.0768, 21.5372



10.4006, 17.8088, 6.7206

Inverse Universe

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



94.4996, -25.0250, -1.5658



93.6301, -28.2474, -2.7091



83.3656, -7.9974, -16.0560



45.2562, -6.0143, 1.2520



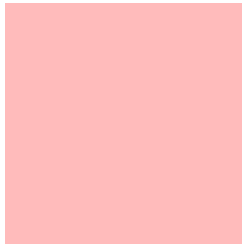
64.1382, -33.9998, -6.7714



20.0136, -10.6094, -2.1127

Previews

White Background



This preview shows how the HunterLab color 77.7100, 20.1574, 12.3677 looks on a white background.

Color Contrast Check

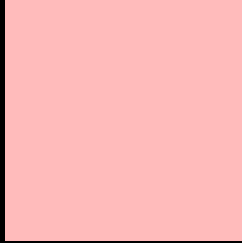
Large Text (above 18pt) WCAG AA × Fail

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 77.7100, 20.1574, 12.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

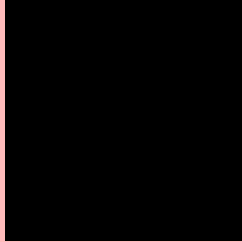
Any Text WCAG AA ✓ Pass

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 77.7100, 20.1574, 12.3677 Background



This preview shows how black text looks on a background with the HunterLab color 77.7100, 20.1574, 12.3677.



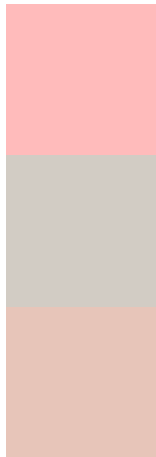
This preview shows how white text looks on a background with the HunterLab color 77.7100, 20.1574,

12.3677.

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

77.7100, 20.1574, 12.3677

Protanopia

78.0211, -3.5331, 8.3277

Deuteranopia

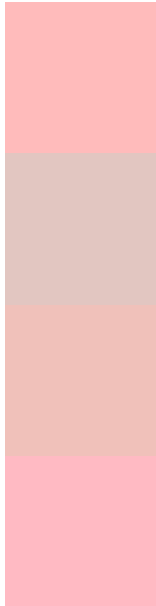
77.7330, 5.6002, 12.9878



Tritanopia

77.7826, 22.4728, 7.1360

Trichromacy



Original Color

77.7100, 20.1574, 12.3677

Protanomaly

77.7221, 4.5038, 9.4836

Deuteranomaly

77.5953, 11.1300, 12.5133

Tritanomaly

77.6646, 21.8664, 8.8247

Monochromacy



Original Color

77.7100, 20.1574, 12.3677

Achromatopsia

78.9912, -4.2148, 4.2917

Achromatomaly

78.3109, 3.8671, 6.9513

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.7100, 20.1574, 12.3677 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, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 187)  
}
```

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, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 77.7100, 20.1574, 12.3677 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, 187, 187) }
```


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

```
.border{ border-color:rgb(255, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.7100, 20.1574, 12.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 187) }
```

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

```
.background{ background-color: rgb(255,  
187, 187) }
```

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