

Converting Colors

HunterLab(76.2796, -17.4940,
23.0784)

Have a look what the booklet for
HunterLab(76.2796, -17.4940,
23.0784) contains.

HunterLab(76.4147, -17.8074, 23.0540)	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(76.4147,
-17.8074, 23.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	BED09A
RGB	190, 208, 154
RGB Percent	75%, 82%, 60%
CMY	0.2549, 0.1843, 0.3961
CMYK	0.09, 0.00, 0.26, 0.18
HSL	80°, 36%, 71%
HSV	80°, 26%, 82%
XYZ	49.6239, 58.3921, 39.2272
YIQ	196.4620, 6.6060, -20.6100

Conversions

Conversions Part 2

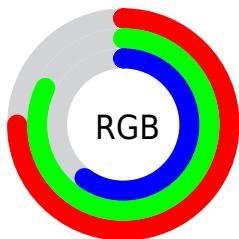
Format	Color
RYB	154, 208, 172
Decimal	12505242
CIELab	80.96, -15.30, 24.86
CIELCh	81, 29.190, 121.622
Yxy	58.3946, 0.3370, 0.3966
Android (android.graphics.Color)	4290695322 (0xFFBED09A)
YUV	196.4620, -20.9338, -5.6672
Hunter-Lab	76.4147, -17.8074, 23.0540

Details

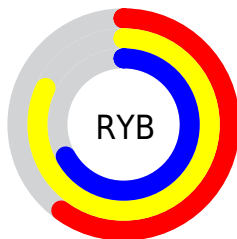
The HunterLab color $76.4147, -17.8074, 23.0540$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $60.3635, 12.5182, -21.2016$, and the grayscale version is $74.5792, -3.9794, 4.0520$.

A 20% lighter version of the original color is $97.9273, -15.2947, 23.5529$, and $54.1339, -15.2436, 19.3225$ is the 20% darker color. If you saturate the color by 10%, you get $75.4245, -22.3037, 28.5850$, and if you desaturate by 10%, it is $77.5005, -12.9000, 16.5798$.

Distribution



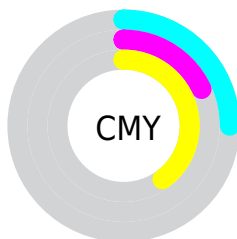
- Red (75%)
- Green (82%)
- Blue (60%)



- Red (60%)
- Yellow (82%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (25%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.4147, -17.8074, 23.0540 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 76.4147, -17.8074, 23.0540 by changing the saturation by 10% instead.


 76.4147, -17.8074,
23.0540

 76.4147, -17.8074,
23.0540


204.6106,
-30.3333, 39.3983

 64.9045, -16.4120,
21.1084


 101.2410,
-20.5806, 26.8225

 54.0370, -14.9991,
19.1028


 114.4990,
-21.9623, 28.6617

 43.8545, -13.5620,
17.0190


128.2900,
-23.3451, 30.4800

 34.4066, -12.0880,
14.8300

142.5941,
-24.7310, 32.2822

 25.7557, -10.5572,
12.4955

157.3936,
-26.1216, 34.0722

 17.9833, -8.9363,
9.9887

172.6723,

 11.2031, -7.1872,

-27.5183, 35.8532

7.8422

188.4158,
-28.9219, 37.6278

■ 3.2561, -5.6982,
2.2793

0.0000, NaN, NaN

■ 76.4147, -17.8074,
23.0540

■ 76.4147, -17.8074,
23.0540

■ 75.4245, -22.3037,
28.5850

■ 77.5005, -12.9000,
16.5798

■ 74.5241, -26.3739,
33.1707

■ 78.6770, -7.5889,
9.1701

■ 73.7134, -30.0161,
36.8258

■ 79.9457, -1.8928,
0.8455

■ 72.9900, -33.2331,
39.5793

■ 81.3055, 4.1690,
-8.3669

■ 72.3502, -36.0351,
41.4781

■ 82.6375, 9.9504,
-16.7833

■ 71.7889, -38.4426,
42.5923

■ 83.3215, 12.2019,
-15.7651

■ 71.2990, -40.4902,
43.0247

■ 84.0272, 14.5063,
-14.7246

■ 71.1152, -41.2512,
43.0987

■ 84.7543, 16.8616,
-13.6626

■ 85.5026, 19.2658,
-12.5802

Harmonies

Analogous

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



76.4164, -4.8487, 25.7446



76.4147, -17.8074, 23.0540



76.4164, -26.5438, 15.4508

Triad

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



76.4164, -17.8094, 23.0549



76.4164, -16.5691, -22.2486



76.4164, 25.0131, 4.8873

Complementary

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



76.4147, -17.8074, 23.0540



60.3635, 12.5182, -21.2016

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.



76.4164, 21.3183, -9.1704



76.4147, -17.8074, 23.0540



76.4164, -3.3112, -26.4429

Square

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



76.4164, -17.8094, 23.0549



76.4164, -25.8652, -10.6678



76.4164, 10.6896, -21.2795



76.4164, 20.4538, 16.5060

Rectangle

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



76.4147, -17.8074, 23.0540



76.4164, -29.1427, 7.8299



76.4164, 10.6896, -21.2795



76.4164, 24.6940, 0.2976

Sweetspot

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



76.4164, -17.8094, 23.0549



98.7359, -11.0221, 13.6325



67.2681, 5.9363, 14.6075



45.5737, -5.5776, 6.9814

0.0000, NaN, NaN



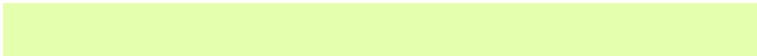
46.2646, -2.4686, 2.5136

Same Dimension

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



76.4164, -17.8094, 23.0549



95.5261, -25.5466, 32.9381



74.3197, -25.5944, 20.9574



36.8673, -4.4589, 5.5731



56.1902, -32.3705, 34.0574



13.4454, -7.0239, 8.1620

Inverse Universe

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



60.3635, 12.5182, -21.2016



71.3093, 20.4062, -34.3637



63.0943, 21.1271, -16.8312



34.0682, 0.7908, -2.0419



19.1893, 47.6531, -102.2568



4.9892, 11.7249, -21.4335

Previews

White Background



This preview shows how the HunterLab color 76.4147, -17.8074, 23.0540 looks on a white background.

Color Contrast Check

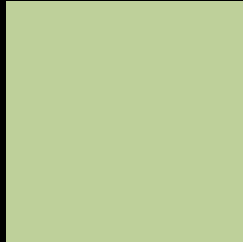
Large Text (above 18pt) WCAG AA × Fail

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 76.4147, -17.8074, 23.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

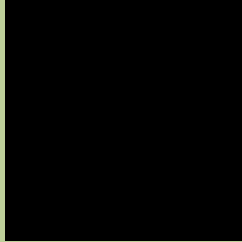
Any Text WCAG AA ✓ Pass

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 76.4147, -17.8074, 23.0540 Background



This preview shows how black text looks on a background with the HunterLab color 76.4147, -17.8074, 23.0540.



This preview shows how white text looks on a background with the HunterLab color 76.4147,

-17.8074, 23.0540.

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

76.4147, -17.8074, 23.0540

Protanopia

76.1512, -6.0673, 24.0223

Deuteranopia

76.3128, 5.4317, 22.3358



Tritanopia

76.4255, -1.5442, -3.3337

Trichromacy



Original Color

76.4147, -17.8074, 23.0540

Protanomaly

76.2238, -10.5016, 23.6785

Deuteranomaly

76.0582, -3.0650, 22.2948

Tritanomaly

76.3531, -7.9679, 7.7316

Monochromacy



Original Color

76.4147, -17.8074, 23.0540

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

74.9093, -8.9856, 11.4006

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4147, -17.8074, 23.0540 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(190, 208, 154)` looks like.

```
.text, #text, p{  
    color:rgb(190, 208, 154)  
}
```

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(190, 208, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 208, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4147, -17.8074, 23.0540 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(190, 208, 154) }
```


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

```
.border{ border-color:rgb(190, 208, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 208, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 208, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 208, 154);  
box-shadow:4px 4px 4px 4px rgb(190, 208,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.4147, -17.8074, 23.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 208, 154) }
```

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

```
.background{ background-color: rgb(190,  
208, 154) }
```

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