

Converting Colors

HunterLab(77.1118, -0.3483,
16.9547)

Have a look what the booklet for
HunterLab(77.1118, -0.3483,
16.9547) contains.

HunterLab(77.0672, -0.3209, 17.0673)	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(77.0672, -0.3209,
17.0673)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC7AD
RGB	222, 199, 173
RGB Percent	87%, 78%, 68%
CMY	0.1294, 0.2196, 0.3216
CMYK	0.00, 0.10, 0.22, 0.13
HSL	32°, 43%, 77%
HSV	32°, 22%, 87%
XYZ	58.0904, 59.3935, 47.9376
YIQ	202.9130, 22.0540, -3.2100

Conversions

Conversions Part 2

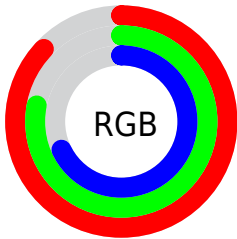
Format	Color
R_{YB}	216, 222, 173
Decimal	14600109
CIE _{Lab}	81.51, 4.03, 15.97
CIE _{LCh}	82, 16.468, 75.852
Yxy	59.3962, 0.3512, 0.3590
Android (android.graphics.Color)	4292790189 (0xFFDEC7AD)
YUV	202.9130, -14.7471, 16.7393
Hunter-Lab	77.0672, -0.3209, 17.0673

Details

The HunterLab color $77.0672, -0.3209, 17.0673$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $73.2370, -5.9153, -10.9221$, and the grayscale version is $77.2974, -4.1244, 4.1997$.

A 20% lighter version of the original color is $99.1874, -9.8058, 17.0725$, and $54.5328, 0.4822, 13.9441$ is the 20% darker color. If you saturate the color by 10%, you get $73.4679, 2.1526, 21.7484$, and if you desaturate by 10%, it is $80.8011, -2.4431, 11.7739$.

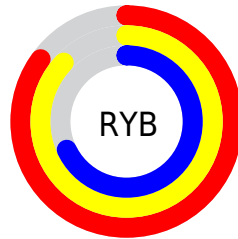
Distribution



Red (87%)

Green (78%)

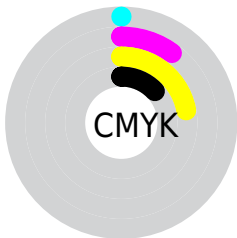
Blue (68%)



Red (85%)

Yellow (87%)

Blue (68%)

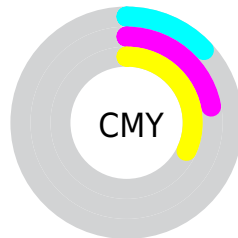


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0672, -0.3209, 17.0673 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 77.0672, -0.3209, 17.0673 by changing the saturation by 10% instead.

■ 77.0672, -0.3209,
17.0673

■ 77.0672, -0.3209,
17.0673

205.5161, -5.7411,
29.8917

■ 65.5226, 0.0975,
15.6259

■ 101.9575, -1.2886,
19.9189

■ 54.6186, 0.4728,
14.1628

115.2454, -1.8277,
21.3362

■ 44.3971, 0.7981,
12.6687

129.0652, -2.4017,
22.7528

■ 34.9072, 1.0679,
11.1285

143.3971, -3.0089,
24.1709

■ 26.2105, 1.2743,
9.5188

158.2234, -3.6476,
25.5925

■ 18.3872, 1.4065,
7.8014

173.5281, -4.3167,

■ 11.5484, 1.4472,

27.0190

6.6933

189.2968, -5.0149,
28.4518

■ 4.0871, 4.0734,
2.8610

0.0000, NaN, NaN

■ 77.0672, -0.3209,
17.0673

■ 77.0672, -0.3209,
17.0673

■ 73.4679, 2.1526,
21.7484

■ 80.8011, -2.4431,
11.7739

■ 70.0086, 5.0058,
25.7549

■ 84.6546, -4.2297,
5.9210

■ 66.7022, 8.2529,
29.0281

■ 88.6206, -5.7070,
-0.4387

■ 63.5605, 11.9031,
31.5114

■ 92.4502, -8.2247,
-3.8503

■ 60.5954, 15.9545,
33.1585

■ 95.8149, -13.6050,
0.2594

■ 57.8184, 20.3878,
33.9439

■ 97.0926, -15.6028,
1.7822

■ 55.2389, 25.1593,
33.8824

■ 53.3323, 29.1034,
33.3726

Harmonies

Analogous

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



77.0689, 6.8838, 13.9660



77.0672, -0.3209, 17.0673



77.0689, -8.2697, 16.9762

Triad

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



77.0689, -0.3233, 17.0684



77.0689, -18.3513, 0.0936



77.0689, 7.2250, -6.6992

Complementary

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



77.0672, -0.3209, 17.0673



73.2370, -5.9153, -10.9221

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.



77.0689, 0.1269, -11.2367



77.0672, -0.3209, 17.0673



77.0689, -14.5322, -7.0506

Square

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



77.0689, -0.3233, 17.0684



77.0689, -18.4608, 7.6840



77.0689, -7.8374, -11.3715



77.0689, 11.3606, 0.5350

Rectangle

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



77.0672, -0.3209, 17.0673



77.0689, -12.9132, 15.1298



77.0689, -7.8374, -11.3715



77.0689, 5.0937, -8.6215

Sweetspot

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



77.0689, -0.3233, 17.0684



96.7855, -3.9543, 10.4179



70.3094, 16.8707, -0.7650



44.6506, -1.7703, 5.0121

0.0000, NaN, NaN



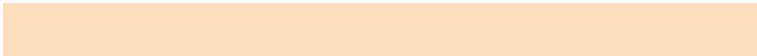
46.2646, -2.4686, 2.5136

Same Dimension

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



77.0689, -0.3233, 17.0684



88.4144, 0.7661, 22.3232



84.0601, -12.1810, 23.6983



38.5990, -1.3885, 4.8564



41.3756, 21.8167, 25.8774



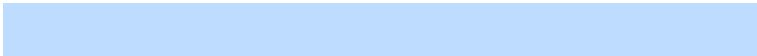
11.6855, 4.0418, 7.2713

Inverse Universe

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



73.2370, -5.9153, -10.9221



83.1201, -6.9329, -16.3874



66.4376, 6.0984, -20.6274



37.8135, -2.5420, -0.8713



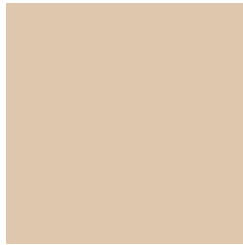
30.4202, 10.6777, -61.0728



9.0529, 0.7999, -13.0420

Previews

White Background



This preview shows how the HunterLab color 77.0672, -0.3209, 17.0673 looks on a white background.

Color Contrast Check

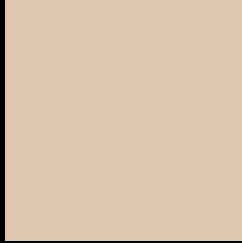
Large Text (above 18pt) WCAG AA × Fail

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 77.0672, -0.3209, 17.0673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

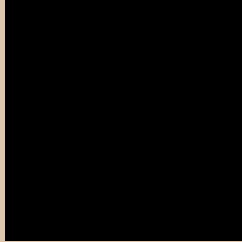
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

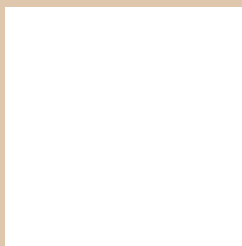
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 77.0672, -0.3209, 17.0673 Background



This preview shows how black text looks on a background with the HunterLab color 77.0672, -0.3209, 17.0673.



This preview shows how white text looks on a background with the HunterLab color 77.0672, -0.3209, 17.0673.

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

77.0672, -0.3209, 17.0673

Protanopia

77.1248, -4.6683, 16.2635

Deuteranopia

76.9688, 5.4578, 16.6767



Tritanopia

77.0427, 9.2039, 1.2126

Trichromacy



Original Color

77.0672, -0.3209, 17.0673

Protanomaly

77.0897, -3.2820, 16.6465

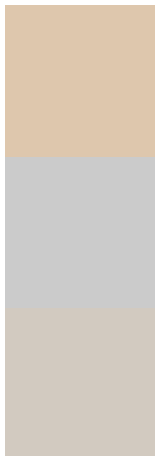
Deuteranomaly

76.8309, 3.4906, 16.5019

Tritanomaly

77.1187, 5.6668, 7.4684

Monochromacy



Original Color

77.0672, -0.3209, 17.0673

Achromatopsia

77.2788, -4.1234, 4.1987

Achromatomaly

77.2971, -3.1490, 9.3233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.0672, -0.3209, 17.0673 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(222, 199, 173)` looks like.

```
.text, #text, p{  
  color:rgb(222, 199, 173)  
}
```

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(222, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0672, -0.3209, 17.0673 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(222, 199, 173) }
```


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

```
.border{ border-color:rgb(222, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 199, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 199, 173); box-shadow:4px 4px 4px 4px rgb(222, 199, 173) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0672, -0.3209, 17.0673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 173) }
```

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

```
.background{ background-color: rgb(222,  
199, 173) }
```

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