

Converting Colors

HunterLab(74.2172, -3.7257,
12.0190)

Have a look what the booklet for
HunterLab(74.2172, -3.7257,
12.0190) contains.

HunterLab(74.2172, -3.7257, 12.0190)	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(74.2172, -3.7257,
12.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC3B2
RGB	204, 195, 178
RGB Percent	80%, 76%, 70%
CMY	0.2000, 0.2353, 0.3020
CMYK	0.00, 0.04, 0.13, 0.20
HSL	39°, 20%, 75%
HSV	39°, 13%, 80%
XYZ	52.4528, 55.0819, 49.9868
YIQ	195.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

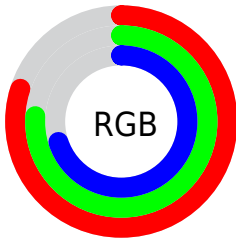
Format	Color
RYB	192, 204, 178
Decimal	13419442
CIELab	79.09, 0.26, 9.66
CIELCh	79, 9.663, 88.480
Yxy	55.0844, 0.3330, 0.3497
Android (android.graphics.Color)	4291609522 (0xFFCCC3B2)
YUV	195.7530, -8.7522, 7.2326
Hunter-Lab	74.2172, -3.7257, 12.0190

Details

The HunterLab color $74.2172, -3.7257, 12.0190$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70.2597, -3.4730, -4.9749$, and the grayscale version is $74.2267, -3.9606, 4.0329$.

A 20% lighter version of the original color is $98.3978, -7.2947, 13.6006$, and $51.9754, -2.3372, 9.8536$ is the 20% darker color. If you saturate the color by 10%, you get $71.5794, -3.0430, 17.4083$, and if you desaturate by 10%, it is $76.9442, -4.0976, 5.9856$.

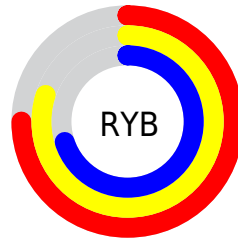
Distribution



Red (80%)

Green (76%)

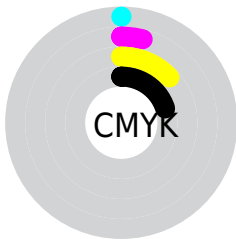
Blue (70%)



Red (75%)

Yellow (80%)

Blue (70%)

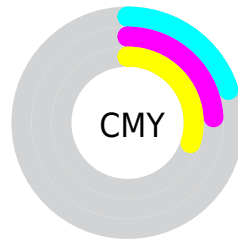


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.2172, -3.7257, 12.0190 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 74.2172, -3.7257, 12.0190 by changing the saturation by 10% instead.

■ 74.2172, -3.7257,
12.0190

■ 74.2172, -3.7257,
12.0190

201.5519,
-10.4354, 22.4331

■ 62.8246, -3.1319,
10.9154

■ 98.8254, -5.0184,
14.2507

■ 52.0816, -2.5717,
9.8135

111.9814, -5.7100,
15.3808

■ 42.0323, -2.0494,
8.7092

125.6745, -6.4307,
16.5227

■ 32.7281, -1.5681,
7.5945

139.8841, -7.1795,
17.6772

■ 24.2343, -1.1315,
6.4566

154.5924, -7.9552,
18.8451

■ 16.6374, -0.7449,
5.2727

169.7827, -8.7569,

■ 10.0591, -0.4156,

20.0268

4.5639

185.4404, -9.5839,
21.2227

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.2172, -3.7257,
12.0190

■ 74.2172, -3.7257,
12.0190

■ 71.5794, -3.0430,
17.4083

■ 76.9442, -4.0976,
5.9856

■ 69.0302, -2.0282,
22.1080

■ 79.7510, -4.1690,
-0.6527

■ 66.5759, -0.6704,
26.0787

■ 82.6351, -3.9588,
-7.8535

■ 64.2209, 1.0403,
29.2845

■ 85.4169, -4.4435,
-13.1139

■ 61.9690, 3.1084,

■ 87.6450, -8.1032,

31.6973

-10.1355

■ 59.8237, 5.5318,
33.3024

■ 89.9065, -11.7291,
-7.1956

■ 57.7872, 8.2981,
34.1059

■ 92.1998, -15.3215,
-4.2935

■ 55.8597, 11.3805,
34.1479

■ 94.5236, -18.8811,
-1.4283

■ 54.5224, 13.7593,
33.8373

■ 95.6961, -20.6483,
-0.0097

Harmonies

Analogous

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



74.2188, 0.7497, 10.9055



74.2172, -3.7257, 12.0190



74.2188, -8.1636, 11.1078

Triad

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



74.2188, -3.7277, 12.0201



74.2188, -11.6315, -0.1148



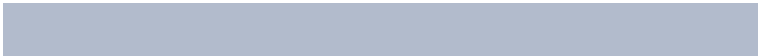
74.2188, 3.7818, -0.5272

Complementary

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



74.2172, -3.7257, 12.0190



70.2597, -3.4730, -4.9749

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.



74.2188, 0.3309, -3.7996



74.2172, -3.7257, 12.0190



74.2188, -8.5631, -3.5514

Square

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



74.2188, -3.7277, 12.0201



74.2188, -12.6591, 4.2643



74.2188, -4.2002, -4.9383



74.2188, 5.1506, 3.8149

Rectangle

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



74.2172, -3.7257, 12.0190



74.2188, -10.5155, 9.4395



74.2188, -4.2002, -4.9383



74.2188, 2.8227, -1.7985

Sweetspot

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



74.2188, -3.7277, 12.0201



98.5542, -5.2333, 8.7635



69.4774, 6.3681, 2.7545



45.4708, -2.4090, 4.3375

0.0000, NaN, NaN



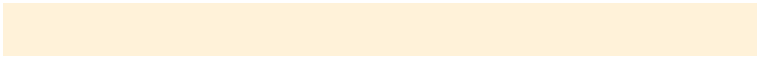
46.2646, -2.4686, 2.5136

Same Dimension

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



74.2188, -3.7277, 12.0201



94.6687, -4.6195, 17.2470



76.6118, -9.4769, 14.4450



35.2388, -1.8228, 4.7232



43.4625, 10.5097, 26.9654



10.5488, 1.1100, 6.5195

Inverse Universe

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



70.2597, -3.4730, -4.9749



88.6106, -4.2209, -8.7752



67.9221, 2.2560, -7.9742



33.8647, -1.7365, -1.1712



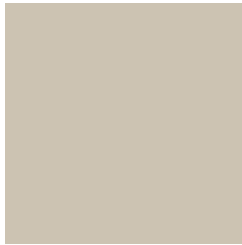
23.8850, 20.5324, -74.1776



6.5988, 2.0001, -12.5655

Previews

White Background



This preview shows how the HunterLab color 74.2172, -3.7257, 12.0190 looks on a white background.

Color Contrast Check

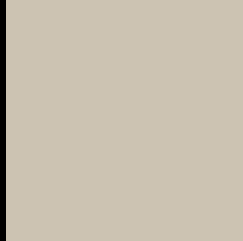
Large Text (above 18pt) WCAG AA × Fail

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 74.2172, -3.7257, 12.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

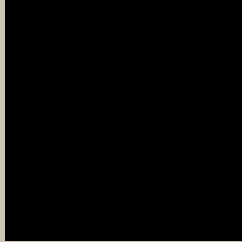
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

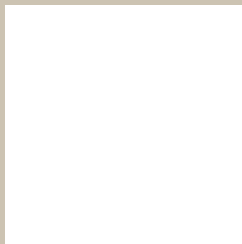
Any Text WCAG AAA ✓ Pass

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

HunterLab 74.2172, -3.7257, 12.0190 Background



This preview shows how black text looks on a background with the HunterLab color 74.2172, -3.7257, 12.0190.



This preview shows how white text looks on a background with the HunterLab color 74.2172, -3.7257,

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

74.2172, -3.7257, 12.0190

Protanopia

74.1222, -4.0559, 11.9116

Deuteranopia

74.1768, 5.3180, 11.7118



Tritanopia

74.2481, 4.1759, -0.8043

Trichromacy



Original Color

74.2172, -3.7257, 12.0190

Protanomaly

74.1222, -4.0559, 11.9116

Deuteranomaly

74.1373, 2.1818, 11.6144

Tritanomaly

74.1284, 1.6202, 3.9353

Monochromacy



Original Color

74.2172, -3.7257, 12.0190

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

74.3613, -4.1610, 7.3619

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.2172, -3.7257, 12.0190 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(204, 195, 178)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 178)  
}
```

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(204, 195, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 74.2172, -3.7257, 12.0190 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(204, 195, 178) }
```


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

```
.border{ border-color:rgb(204, 195, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 178);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.2172, -3.7257, 12.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 178) }
```

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

```
.background{ background-color: rgb(204,  
195, 178) }
```

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