

Converting Colors

HunterLab(77.2811, -3.8826,
5.6533)

Have a look what the booklet for
HunterLab(77.2811, -3.8826, 5.6533)
contains.

HunterLab(77.3700, -3.9896, 5.7308)	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(77.3700, -3.9896,
5.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCBC8
RGB	205, 203, 200
RGB Percent	80%, 80%, 78%
CMY	0.1961, 0.2039, 0.2157
CMYK	0.00, 0.01, 0.02, 0.20
HSL	36°, 5%, 79%
HSV	36°, 2%, 80%
XYZ	56.9581, 59.8612, 63.1960
YIQ	203.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

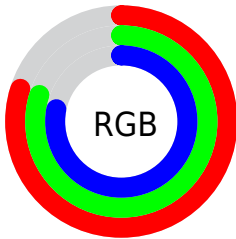
Format	Color
R _Y B	203, 205, 200
Decimal	13487048
CIE Lab	81.76, 0.15, 1.73
CIE LCh	82, 1.735, 85.011
Yxy	59.8638, 0.3164, 0.3325
Android (android.graphics.Color)	4291677128 (0xFFCDCBC8)
YUV	203.2560, -1.6052, 1.5295
Hunter-Lab	77.3700, -3.9896, 5.7308

Details

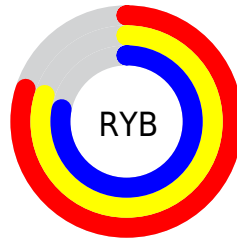
The HunterLab color $77.3700, -3.9896, 5.7308$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76.7643, -4.2148, 2.6174$, and the grayscale version is $77.3957, -4.1296, 4.2051$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $54.9086, -2.7961, 4.4214$ is the 20% darker color. If you saturate the color by 10%, you get $74.2992, -3.0796, 11.4838$, and if you desaturate by 10%, it is $80.5335, -4.6128, -0.5624$.

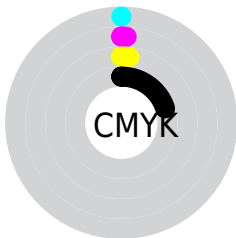
Distribution



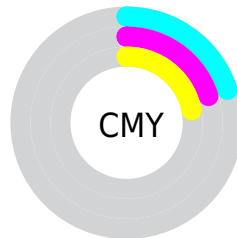
- Red (80%)
- Green (80%)
- Blue (78%)



- Red (80%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.3700, -3.9896, 5.7308 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 77.3700, -3.9896, 5.7308 by changing the saturation by 10% instead.

■ 77.3700, -3.9896,
5.7308

■ 77.3700, -3.9896,
5.7308

205.9358,
-10.8038, 13.3272

■ 65.8094, -3.3813,
5.0211

102.2898, -5.3086,
7.2396

■ 54.8885, -2.8059,
4.3402

115.5916, -6.0127,
8.0343

■ 44.6491, -2.2673,
3.6905

129.4246, -6.7453,
8.8552

■ 35.1398, -1.7684,
3.0732

143.7694, -7.5055,
9.7015

■ 26.4220, -1.3126,
2.4896

158.6080, -8.2923,
10.5725

■ 18.5751, -0.9044,
1.9407

173.9248, -9.1048,

■ 11.7095, -0.5502,

11.4675

1.4268

189.7051, -9.9422,
12.3859

■ 4.4192, -0.0873,
1.8614

0.0000, NaN, NaN

■ 77.3700, -3.9896,
5.7308

■ 77.3700, -3.9896,
5.7308

■ 74.2992, -3.0796,
11.4838

■ 80.5335, -4.6128,
-0.5624

■ 71.3219, -1.8585,
16.6478

■ 83.7793, -4.9624,
-7.3570

■ 68.4459, -0.3103,
21.1771

■ 86.8592, -6.4030,
-11.1690

■ 65.6776, 1.5809,
25.0250

■ 89.4677, -10.6247,
-7.7527

■ 63.0236, 3.8275,
28.1470

■ 92.1196, -14.8013,
-4.3869

■ 60.4902, 6.4369,
30.5045

■ 94.8126, -18.9339,
-1.0703

■ 58.0837, 9.4081,
32.0706

■ 95.7702, -20.3786,
0.0861

■ 55.8090, 12.7290,
32.8389

■ 53.6696, 16.3704,
32.8374

Harmonies

Analogous

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



77.3717, -3.2008, 5.4642



77.3700, -3.9896, 5.7308



77.3717, -4.8166, 5.5960

Triad

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



77.3717, -3.9915, 5.7320



77.3717, -5.5960, 3.5568



77.3717, -2.8000, 3.3221

Complementary

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



77.3700, -3.9896, 5.7308



76.7643, -4.2148, 2.6174

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.



77.3717, -3.4460, 2.8011



77.3700, -3.9896, 5.7308



77.3717, -5.0598, 2.9376

Square

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



77.3717, -3.9915, 5.7320



77.3717, -5.7407, 4.3455



77.3717, -4.2734, 2.6596



77.3717, -2.5110, 4.0773

Rectangle

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



77.3700, -3.9896, 5.7308



77.3717, -5.2756, 5.2938



77.3717, -4.2734, 2.6596



77.3717, -2.9827, 3.1134

Sweetspot

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



77.3717, -3.9915, 5.7320



99.5936, -5.2440, 6.2283



76.5199, -2.1278, 3.8179



46.0859, -2.4283, 2.8633

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.3717, -3.9915, 5.7320



98.7844, -5.0492, 7.7973



77.9370, -5.1627, 6.3637



35.9037, -1.8140, 3.0427



41.3662, 14.7286, 25.7475



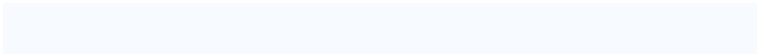
10.1426, 1.8650, 6.2825

Inverse Universe

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



76.7643, -4.2148, 2.6174



97.8166, -5.4050, 2.8344



76.2008, -3.0435, 1.9608



35.4678, -1.9742, 0.8071



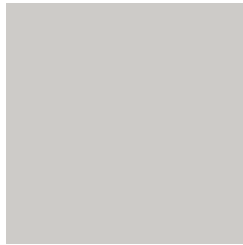
25.8105, 15.8216, -66.4150



7.0069, 1.2040, -11.3572

Previews

White Background



This preview shows how the HunterLab color 77.3700, -3.9896, 5.7308 looks on a white background.

Color Contrast Check

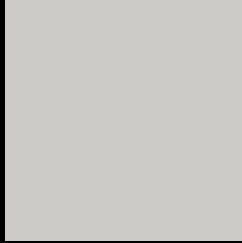
Large Text (above 18pt) WCAG AA × Fail

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 77.3700, -3.9896, 5.7308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

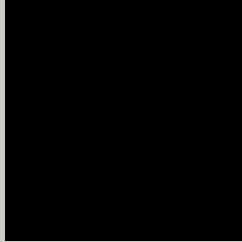
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

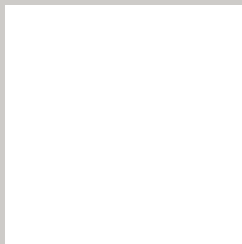
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.3700, -3.9896, 5.7308 Background



This preview shows how black text looks on a background with the HunterLab color 77.3700, -3.9896, 5.7308.



This preview shows how white text looks on a background with the HunterLab color 77.3700, -3.9896, 5.7308.

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

77.3700, -3.9896, 5.7308

Protanopia

77.3441, -2.5152, 5.7267

Deuteranopia

77.3547, 5.2521, 5.4038



Tritanopia

77.1569, 0.9637, -2.3614

Trichromacy



Original Color

77.3700, -3.9896, 5.7308

Protanomaly

77.2506, -2.8386, 5.6127

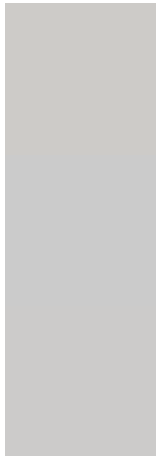
Deuteranomaly

77.2417, 1.8302, 5.2123

Tritanomaly

77.1675, -0.9427, 0.6866

Monochromacy



Original Color

77.3700, -3.9896, 5.7308

Achromatopsia

77.2788, -4.1234, 4.1987

Achromatomaly

77.3392, -3.9750, 4.7498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3700, -3.9896, 5.7308 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(205, 203, 200)` looks like.

```
.text, #text, p{  
    color:rgb(205, 203, 200)  
}
```

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(205, 203, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 203, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3700, -3.9896, 5.7308 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(205, 203, 200) }
```


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

```
.border{ border-color:rgb(205, 203, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 203, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 203, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 203, 200);  
box-shadow:4px 4px 4px 4px rgb(205, 203,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.3700, -3.9896, 5.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 203, 200) }
```

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

```
.background{ background-color: rgb(205,  
203, 200) }
```

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