

Converting Colors

HunterLab(78.4437, -5.4525,
5.4779)

Have a look what the booklet for
HunterLab(78.4437, -5.4525, 5.4779)
contains.

HunterLab(78.2891, -5.3292, 5.3595)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(78.2891, -5.3292,
5.3595)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCECB
RGB	204, 206, 203
RGB Percent	80%, 81%, 80%
CMY	0.2000, 0.1921, 0.2039
CMYK	0.01, 0.00, 0.01, 0.19
HSL	100°, 3%, 80%
HSV	100°, 1%, 81%
XYZ	57.7527, 61.2918, 65.2865
YIQ	205.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

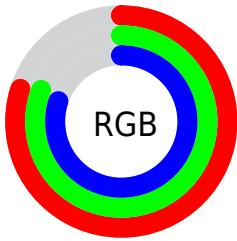
Format	Color
RYB	203, 206, 205
Decimal	13422283
CIELab	82.54, -1.23, 1.24
CIELCh	83, 1.746, 134.724
Yxy	61.2945, 0.3133, 0.3325
Android (android.graphics.Color)	4291612363 (0xFFCCCECB)
YUV	205.0600, -1.0156, -0.9296
Hunter-Lab	78.2891, -5.3292, 5.3595

Details

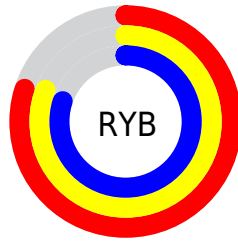
The HunterLab color $78.2891, -5.3292, 5.3595$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77.5557, -2.9778, 3.0948$, and the grayscale version is $78.1657, -4.1707, 4.2469$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $55.7767, -4.0633, 4.0735$ is the 20% darker color. If you saturate the color by 10%, you get $76.4981, -12.8678, 12.4432$, and if you desaturate by 10%, it is $80.2317, 2.6719, -2.4199$.

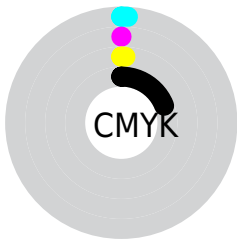
Distribution



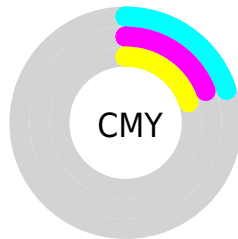
- Red (80%)
- Green (81%)
- Blue (80%)



- Red (80%)
- Yellow (81%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.2891, -5.3292, 5.3595 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 78.2891, -5.3292, 5.3595 by changing the saturation by 10% instead.

■ 78.2891, -5.3292,
5.3595

■ 78.2891, -5.3292,
5.3595

207.2083,
-12.6594, 12.8046

■ 66.6805, -4.6507,
4.6706

103.2982, -6.7786,
6.8298

■ 55.7087, -4.0009,
4.0118

116.6418, -7.5437,
7.6066

■ 45.4149, -3.3831,
3.3858

130.5151, -8.3350,
8.4103

■ 35.8473, -2.7988,
2.7942

144.8986, -9.1518,
9.2401

■ 27.0657, -2.2499,
2.2389

159.7747, -9.9933,
10.0950

■ 19.1481, -1.7383,
1.7219

175.1278,

■ 12.2017, -1.2659,

-10.8588, 10.9745

1.2451

190.9434,
-11.7477, 11.8779

■ 5.2994, -1.2934,
1.2588

0.0000, NaN, NaN

■ 78.2891, -5.3292,
5.3595

■ 78.2891, -5.3292,
5.3595

■ 76.4981, -12.8678,
12.4432

■ 80.2317, 2.6719,
-2.4199

■ 74.8579, -19.8877,
18.7789

■ 82.3158, 11.0901,
-10.8462

■ 73.3736, -26.3418,
24.3257

■ 84.1538, 17.8777,
-14.4871

■ 72.0474, -32.1857,
29.0514

■ 85.2203, 21.2840,
-12.9361

■ 70.8802, -37.3819,
32.9367

■ 69.8713, -41.9029,
35.9791

■ 69.0178, -45.7341,
38.1969

■ 68.3149, -48.8772,
39.6336

■ 67.7546, -51.3542,
40.3652

Harmonies

Analogous

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



78.2908, -4.5975, 5.7538



78.2891, -5.3292, 5.3595



78.2908, -5.7556, 4.6710

Triad

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



78.2908, -5.3310, 5.3607



78.2908, -4.6127, 2.7433



78.2908, -2.5909, 4.6566

Complementary

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



78.2891, -5.3292, 5.3595



77.5557, -2.9778, 3.0948

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.



78.2908, -2.5950, 3.8499



78.2891, -5.3292, 5.3595



78.2908, -3.7648, 2.7394

Square

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



78.2908, -5.3310, 5.3607



78.2908, -5.3421, 3.1570



78.2908, -3.0255, 3.1463



78.2908, -3.0143, 5.3503

Rectangle

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



78.2891, -5.3292, 5.3595



78.2908, -5.8075, 4.1331



78.2908, -3.0255, 3.1463



78.2908, -2.5423, 4.3898

Sweetspot

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



78.2908, -5.3310, 5.3607

100.0000, -5.3358, 5.4332



78.1658, -4.1880, 5.2353



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

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



78.2908, -5.3310, 5.3607



99.5170, -7.3457, 7.3587



78.2161, -5.5616, 5.0323



36.2877, -2.6248, 2.6319



52.9140, -41.4041, 31.8805



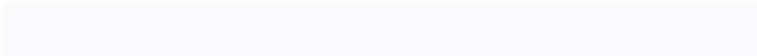
12.1894, -8.6907, 7.3589

Inverse Universe

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



77.5557, -2.9778, 3.0948



98.2184, -3.1882, 3.3555



77.6320, -2.7450, 3.4329



35.8486, -1.2190, 1.2783



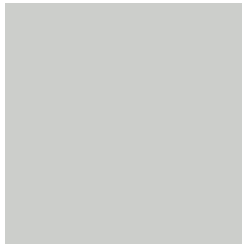
24.6894, 53.3952, -70.1982



5.9570, 12.5778, -14.5715

Previews

White Background



This preview shows how the HunterLab color 78.2891, -5.3292, 5.3595 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 78.2891, -5.3292, 5.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

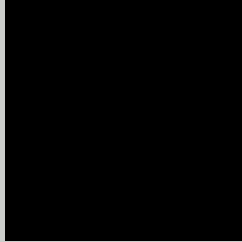
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

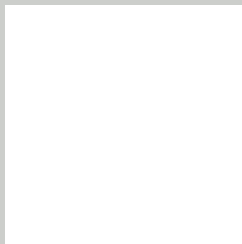
Any Text WCAG AAA ✓ Pass

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

HunterLab 78.2891, -5.3292, 5.3595 Background



This preview shows how black text looks on a background with the HunterLab color 78.2891, -5.3292, 5.3595.

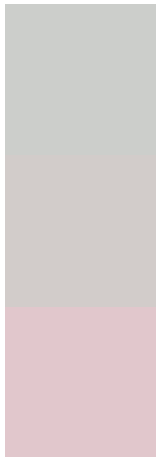


This preview shows how white text looks on a background with the HunterLab color 78.2891, -5.3292, 5.3595.

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

78.2891, -5.3292, 5.3595

Protanopia

78.1995, -2.5582, 5.7760

Deuteranopia

78.2394, 5.3844, 5.0142



Tritanopia

78.1950, 0.1385, -3.1542

Trichromacy



Original Color

78.2891, -5.3292, 5.3595

Protanomaly

78.3178, -3.7144, 5.8926

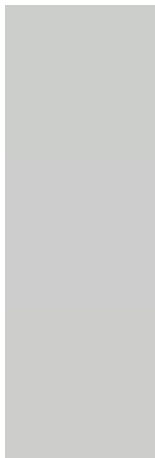
Deuteranomaly

78.3278, 1.1063, 5.0426

Tritanomaly

78.2065, -1.7786, -0.0710

Monochromacy



Original Color

78.2891, -5.3292, 5.3595

Achromatopsia

78.1342, -4.1690, 4.2452

Achromatomaly

78.1034, -4.3379, 4.6848

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.2891, -5.3292, 5.3595 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, 206, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 203)  
}
```

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, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 78.2891, -5.3292, 5.3595 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, 206, 203) }
```

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

```
.border{ border-color:rgb(204, 206, 203) }
```

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

Here you see how a box with a 4 pixel rgb(204, 206, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
203) }
```


Background

The CSS property to change the background color of an element to HunterLab 78.2891, -5.3292, 5.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 203) }
```

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

```
.background{ background-color: rgb(204,  
206, 203) }
```

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