

Converting Colors

HunterLab(80.0723, 7.0068,
-20.5900)

Have a look what the booklet for
HunterLab(80.0723, 7.0068,
-20.5900) contains.

HunterLab(79.9756, 7.2102, -20.7307)	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(79.9756, 7.2102,
-20.7307)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CCFF
RGB	209, 204, 255
RGB Percent	82%, 80%, 100%
CMY	0.1804, 0.2000, 0.0000
CMYK	0.18, 0.20, 0.00, 0.00
HSL	246°, 100%, 90%
HSV	246°, 20%, 100%
XYZ	65.9373, 63.9610, 103.4781
YIQ	211.3090, -13.3910, 16.9210

Conversions

Conversions Part 2

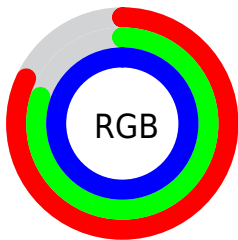
Format	Color
R _Y B	209, 204, 255
Decimal	13749503
CIE _{Lab}	83.95, 11.82, -24.31
CIE _{LCh}	84, 27.035, 295.932
Y _{xy}	63.9635, 0.2825, 0.2741
Android (android.graphics.Color)	4291939583 (0xFFD1CCFF)
YUV	211.3090, 21.5397, -2.0250
Hunter-Lab	79.9756, 7.2102, -20.7307

Details

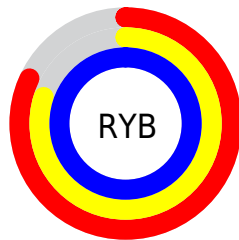
The HunterLab color $79.9756, 7.2102, -20.7307$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $98.0837, -14.9834, 25.6426$, and the grayscale version is $80.7585, -4.3091, 4.3878$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $57.2363, 7.1986, -19.9483$ is the 20% darker color. If you saturate the color by 10%, you get $70.4991, 14.1647, -35.8763$, and if you desaturate by 10%, it is $89.8301, 0.7483, -7.0773$.

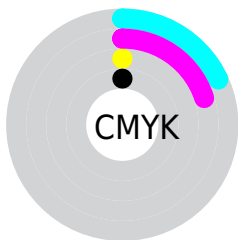
Distribution



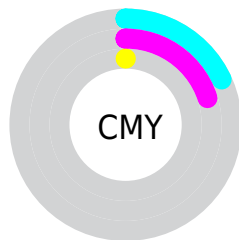
- Red (82%)
- Green (80%)
- Blue (100%)



- Red (82%)
- Yellow (80%)
- Blue (100%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.9756, 7.2102, -20.7307 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 79.9756, 7.2102, -20.7307 by changing the saturation by 10% instead.

■ 79.9756, 7.2102,
-20.7307

■ 79.9756, 7.2102,
-20.7307

209.5371, 4.4318,
-21.0130

■ 68.2797, 7.2769,
-20.4348

105.1467, 6.9036,
-21.1417

■ 57.2156, 7.2816,
-20.0808

118.5663, 6.6755,
-21.2663

■ 46.8236, 7.2155,
-19.6664

132.5126, 6.4017,
-21.3395

■ 37.1502, 7.0690,
-19.1958

146.9666, 6.0848,
-21.3637

■ 28.2536, 6.8294,
-18.6827

161.9109, 5.7275,
-21.3412

■ 20.2086, 6.4789,
-18.1667

177.3301, 5.3316,

■ 13.1171, 5.9913,

-21.2739

-17.7651

193.2098, 4.8992,
-21.1640

■ 6.6101, 7.4405,
-20.0697

0.0000, NaN, -NF

■ 79.9756, 7.2102,
-20.7307

■ 79.9756, 7.2102,
-20.7307

■ 70.4991, 14.1647,
-35.8763

■ 89.8301, 0.7483,
-7.0773

■ 61.4740, 21.7684,
-52.9855

100.0000, -5.3358,
5.4332

■ 53.0140, 30.1895,
-72.6122

■ 45.2830, 39.5546,
-95.2763

■ 38.5205, 49.7587,
-121.0111

■ 33.0569, 60.0409,
-148.2655

■ 29.2666, 68.4925,
-172.4288

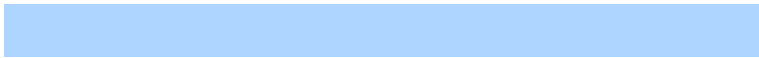
■ 27.2520, 73.1617,
-187.7569

■ 27.2518, 73.1624,
-187.7591

Harmonies

Analogous

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



79.9772, -6.0758, -23.8766



79.9756, 7.2102, -20.7307



79.9772, 18.0081, -10.4904

Triad

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



79.9772, 7.2086, -20.7284



79.9772, 10.5469, 21.9803



79.9772, -28.1905, 6.0581

Complementary

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



79.9756, 7.2102, -20.7307



98.0837, -14.9834, 25.6426

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.



79.9772, -24.3514, 16.8045



79.9756, 7.2102, -20.7307



79.9772, -2.4514, 24.9970

Square

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



79.9772, 7.2086, -20.7284



79.9772, 20.0221, 14.2675



79.9772, -15.1388, 23.2686



79.9772, -25.9725, -7.0189

Rectangle

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



79.9756, 7.2102, -20.7307



79.9772, 22.0460, -1.7815



79.9772, -15.1388, 23.2686



79.9772, -27.5727, 10.0377

Sweetspot

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



79.9772, 7.2086, -20.7284



93.8614, -1.7240, -1.9547



94.2849, -18.5176, -1.7192



43.1184, -0.6125, -1.2861

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.9772, 7.2086, -20.7284



76.1355, 9.9249, -26.5870



82.3761, 15.0955, -17.0696



41.7886, 0.2035, -2.9773



19.7699, 52.9386, -135.1454



6.3847, 16.6870, -40.4709

Inverse Universe

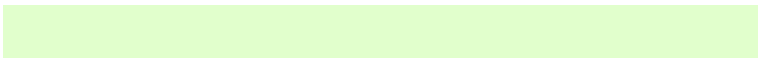
The Inverse Universe completely reimagines the original color for something new.



84.4690, 21.4246, -11.0595



81.6053, 26.9000, -14.3602



95.8791, -22.9657, 23.3503



42.7409, 3.3482, -1.1036



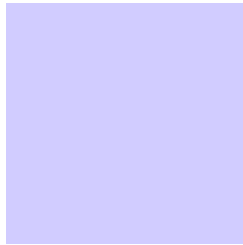
37.5590, 72.3029, -37.6045



11.7561, 22.6883, -12.2135

Previews

White Background



This preview shows how the HunterLab color 79.9756, 7.2102, -20.7307 looks on a white background.

Color Contrast Check

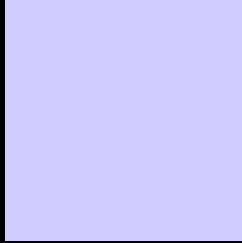
Large Text (above 18pt) WCAG AA × Fail

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 79.9756, 7.2102, -20.7307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

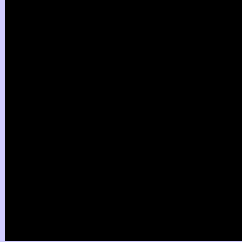
Any Text WCAG AA ✓ Pass

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 79.9756, 7.2102, -20.7307 Background



This preview shows how black text looks on a background with the HunterLab color 79.9756, 7.2102, -20.7307.



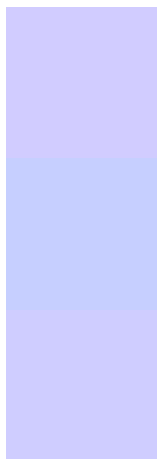
This preview shows how white text looks on a background with the HunterLab color 79.9756, 7.2102, -20.7307.

-20.7307.

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

79.9756, 7.2102, -20.7307

Protanopia

79.9071, 2.3502, -20.9182

Deuteranopia

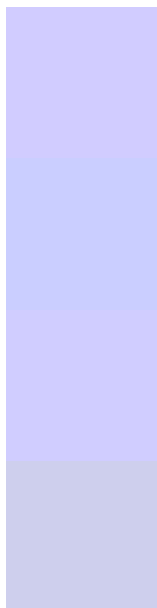
80.0925, 6.0692, -20.5764



Tritanopia

79.9558, -2.7817, -4.1349

Trichromacy



Original Color

79.9756, 7.2102, -20.7307

Protanomaly

79.9495, 4.0469, -20.8251

Deuteranomaly

80.1826, 6.3709, -20.4368

Tritanomaly

79.9136, 0.9891, -10.1840

Monochromacy



Original Color

79.9756, 7.2102, -20.7307

Achromatopsia

80.7097, -4.3065, 4.3851

Achromatomaly

80.2243, -0.2184, -4.2792

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.9756, 7.2102, -20.7307 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(209, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 255)  
}
```

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(209, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 79.9756, 7.2102, -20.7307 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(209, 204, 255) }
```


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

```
.border{ border-color:rgb(209, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.9756, 7.2102, -20.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 255) }
```

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

```
.background{ background-color: rgb(209,  
204, 255) }
```

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