

Converting Colors

HunterLab(17.8585, 47.0052,
-115.8374)

Have a look what the booklet for
HunterLab(17.8585, 47.0052,
-115.8374) contains.

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Color

**HunterLab(17.8927, 47.0741,
-115.8188)**

Conversions

Conversions Part 1

Format	Color
Hex	1D00AB
RGB	29, 0, 171
RGB Percent	11%, 0%, 67%
CMY	0.8862, 1.0000, 0.3294
CMYK	0.83, 1.00, 0.00, 0.33
HSL	250°, 100%, 34%
HSV	250°, 100%, 67%
XYZ	7.8574, 3.2015, 38.7319
YIQ	28.1650, -37.6070, 59.3290

Conversions

Conversions Part 2

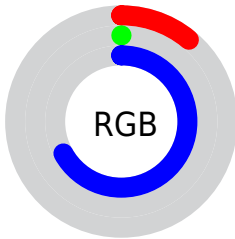
Format	Color
R_{YB}	29, 0, 171
Decimal	1900715
CIE Lab	20.83, 59.05, -78.20
CIE LCh	21, 97.992, 307.055
Yxy	3.2017, 0.1578, 0.0643
Android (android.graphics.Color)	4280090795 (0xFF1D00AB)
YUV	28.1650, 70.4177, 0.7323
Hunter-Lab	17.8927, 47.0741, -115.8188

Details

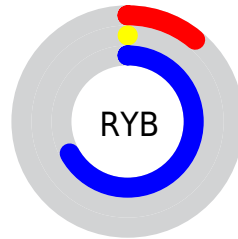
The HunterLab color **17.8927, 47.0741, -115.8188** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **59.0555, -25.6185, 35.9412**, and the grayscale version is **10.6267, -0.5670, 0.5774**.

A 20% lighter version of the original color is **34.4041, 51.0575, -104.3977**, and **11.3329, 30.7406, -80.5253** is the 20% darker color. If you saturate the color by 10%, you get **17.8933, 47.0746, -115.8147**, and if you desaturate by 10%, it is **19.6532, 43.3339, -103.3635**.

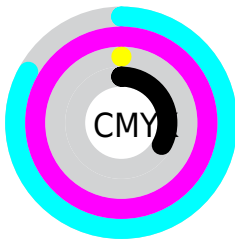
Distribution



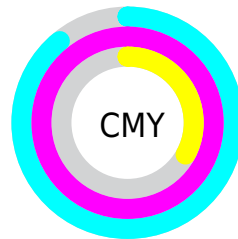
- Red (11%)
- Green (0%)
- Blue (67%)



- Red (11%)
- Yellow (0%)
- Blue (67%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (89%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8927, 47.0741, -115.8188 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 17.8927, 47.0741, -115.8188 by changing the saturation by 10% instead.

■ 17.8927, 47.0741,
-115.8188

■ 17.8927, 47.0741,
-115.8188

■ 114.3319, 63.7793,
-104.6549

■ 11.1262, 45.5865,
-132.0686

■ 34.2948, 51.1983,
-104.6963

■ 3.0389, 96.4957,
-325.2462

■ 43.7332, 53.2804,
-102.9353

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.9070, 55.2811,
-102.2394

0.0000, NaN, -NF

■ 64.7663, 57.1827,
-102.1769

0.0000, NaN, -NF

■ 76.2704, 58.9809,
-102.5065

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 88.3850, 60.6772,

-103.0843


0.0000, NaN, NaN


 101.0807, 62.2751,
-103.8200


 17.8927, 47.0741,
-115.8188


 17.8927, 47.0741,
-115.8188


 17.8933, 47.0746,
-115.8147

 19.6532, 43.3339,
-103.3635

 22.3110, 38.0758,
-87.9718

 25.8786, 31.9047,
-71.7666

 30.1537, 25.7392,
-56.7254

 34.9658, 19.9540,
-43.4357

■ 40.1904, 14.6191,
-31.8170

■ 45.7404, 9.6883,
-21.5868

■ 51.5550, 5.0865,
-12.4518

■ 57.5906, 0.7420,
-4.1651

Harmonies

Analogous

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



17.8933, 6.4850, -174.8320



17.8927, 47.0741, -115.8188



17.8933, 85.8012, -34.9245

Triad

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



17.8933, 47.0746, -115.8147



17.8933, 26.6527, 12.5253



17.8933, -31.3132, -6.9171

Complementary

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



17.8927, 47.0741, -115.8188



59.0555, -25.6185, 35.9412

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.



17.8933, -31.3132, 12.5253



17.8927, 47.0741, -115.8188



17.8933, -7.3497, 12.5253

Square

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



17.8933, 47.0746, -115.8147



17.8933, 69.6262, 12.5253



17.8933, -23.8238, 12.5253



17.8933, -28.4883, -70.4906

Rectangle

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



17.8927, 47.0741, -115.8188



17.8933, 96.8906, -1.9964



17.8933, -23.8238, 12.5253



17.8933, -31.3132, 3.5089

Sweetspot

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



17.8933, 47.0746, -115.8147



60.8091, 13.3035, -29.5749



47.3661, -18.4554, -19.3636



27.2618, 7.5350, -16.5353



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



17.8933, 47.0746, -115.8147



23.8142, 62.8943, -156.0180



25.5298, 55.2373, -72.7790



27.9644, 0.2177, -1.7461



15.5884, 40.9143, -100.1485



2.9460, 7.1381, -14.3209

Inverse Universe

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



32.5739, 61.7779, -25.4175



43.5607, 82.5635, -33.5908



54.7684, -42.8821, 32.9973



28.5033, 1.9587, -0.3786



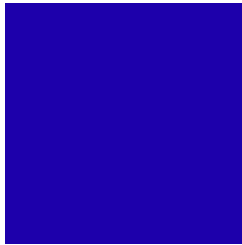
28.2940, 53.6804, -22.2286



4.7831, 9.1781, -4.5602

Previews

White Background



This preview shows how the HunterLab color 17.8927, 47.0741, -115.8188 looks on a white background.

Color Contrast Check

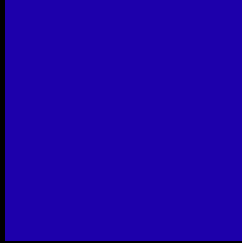
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 17.8927, 47.0741, -115.8188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

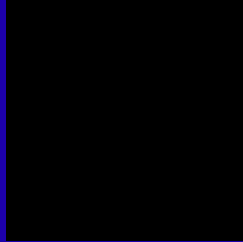
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 17.8927, 47.0741, -115.8188 Background



This preview shows how black text looks on a background with the HunterLab color 17.8927, 47.0741, -115.8188.



This preview shows how white text looks on a background with the HunterLab color 17.8927, 47.0741, -115.8188.

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

17.8927, 47.0741, -115.8188

Protanopia

18.5752, 4.8806, -33.7532

Deuteranopia

18.6754, -1.5752, -19.9422



Tritanopia

18.6433, -9.3266, -3.1690

Trichromacy



Original Color

17.8927, 47.0741, -115.8188

Protanomaly

16.5616, 22.2260, -66.2774

Deuteranomaly

16.2150, 17.0792, -54.6825

Tritanomaly

15.5457, 9.8759, -38.1903

Monochromacy



Original Color

17.8927, 47.0741, -115.8188

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.2191, 14.4652, -32.9418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8927, 47.0741, -115.8188 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(29, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(29, 0, 171)  
}
```

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(29, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 0, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8927, 47.0741, -115.8188 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(29, 0, 171) }
```


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

```
.border{ border-color:rgb(29, 0, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 0, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(29, 0, 171)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8927, 47.0741, -115.8188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 0, 171) }
```

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

```
.background{ background-color: rgb(29, 0,  
171) }
```

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](#).

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