

Converting Colors

HunterLab(80.3719, -20.2000,
-23.3915)

Have a look what the booklet for
HunterLab(80.3719, -20.2000,
-23.3915) contains.

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Color

**HunterLab(80.1797,
-21.1404, -20.9228)**

Conversions

Conversions Part 1

Format	Color
Hex	83DEFF
RGB	131, 222, 255
RGB Percent	51%, 87%, 100%
CMY	0.4863, 0.1294, 0.0000
CMYK	0.49, 0.13, 0.00, 0.00
HSL	196°, 100%, 76%
HSV	196°, 49%, 100%
XYZ	53.5313, 64.2878, 104.1952
YIQ	198.5530, -64.8290, -9.0290

Conversions

Conversions Part 2

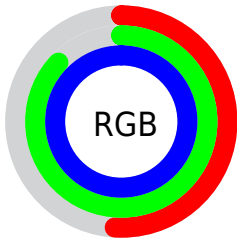
Format	Color
R_{YB}	131, 183, 255
Decimal	8642303
CIE _{Lab}	84.12, -18.62, -24.47
CIE _{LCh}	84, 30.750, 232.737
Yxy	64.2902, 0.2411, 0.2896
Android (android.graphics.Color)	4286832383 (0xFF83DEFF)
YUV	198.5530, 27.8284, -59.2440
Hunter-Lab	80.1797, -21.1404, -20.9228

Details

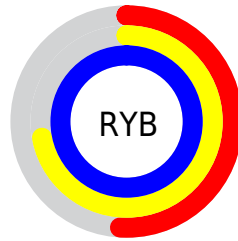
The HunterLab color **80.1797, -21.1404, -20.9228** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **70.3210, 25.7189, 25.6757**, and the grayscale version is **75.2893, -4.0172, 4.0906**.

A 20% lighter version of the original color is **94.7033, -24.2830, -1.2996**, and **57.4602, -18.1165, -20.0379** is the 20% darker color. If you saturate the color by 10%, you get **76.7892, -22.1260, -26.1182**, and if you desaturate by 10%, it is **83.8216, -19.3010, -15.6068**.

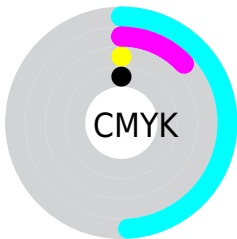
Distribution



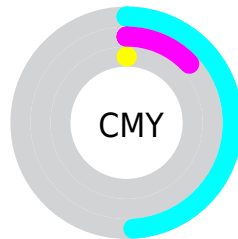
- Red (51%)
- Green (87%)
- Blue (100%)



- Red (51%)
- Yellow (72%)
- Blue (100%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1797, -21.1404, -20.9228 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 80.1797, -21.1404, -20.9228 by changing the saturation by 10% instead.

80.1797, -21.1404,
-20.9228

80.1797, -21.1404,
-20.9228

209.8182,
-34.9227, -21.2393

68.4732, -19.5741,
-20.6233

105.3702,
-24.2286, -21.3415

57.3980, -17.9825,
-20.2658

118.7988,
-25.7589, -21.4700

46.9942, -16.3559,
-19.8482

132.7540,
-27.2847, -21.5470

37.3083, -14.6796,
-19.3747

147.2164,
-28.8088, -21.5750

28.3979, -12.9314,
-18.8593

162.1689,
-30.3331, -21.5563

20.3376, -11.0748,
-18.3420

177.5960,

13.2289, -9.0447,

-31.8593, -21.4928

-17.9403

193.4834,
-33.3888, -21.3866

■ 6.7508, -11.8139,
-20.0205

0.0000, NaN, -NF

■ 80.1797, -21.1404,
-20.9228

■ 80.1797, -21.1404,
-20.9228

■ 76.7892, -22.1260,
-26.1182

■ 83.8216, -19.3010,
-15.6068

■ 73.6535, -22.2105,
-31.1618

■ 87.6997, -16.6661,
-10.2119

■ 70.7767, -21.3743,
-36.0152

■ 91.8029, -13.3034,
-4.7658

■ 68.1534, -19.6366,
-40.6519

■ 96.1181, -9.2820,
0.7066

■ 65.7578, -17.1014,
-45.0821

100.0000, -5.3358,
5.4332

■ 65.4375, -16.7234,
-45.6903

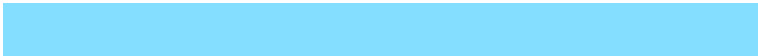
Harmonies

Analogous

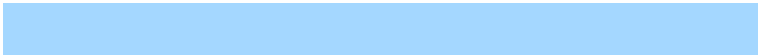
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1812, -29.3788, -7.0805



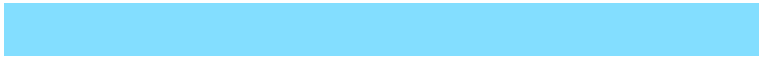
80.1797, -21.1404, -20.9228



80.1812, -7.9259, -28.2116

Triad

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



80.1812, -21.1411, -20.9206



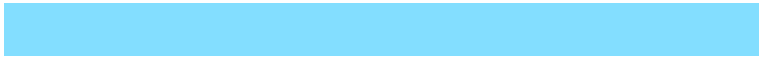
80.1812, 26.6514, 0.7879



80.1812, -15.2154, 25.9156

Complementary

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



80.1797, -21.1404, -20.9228



70.3210, 25.7189, 25.6757

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.



80.1812, -0.5730, 27.2421



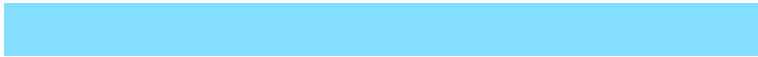
80.1797, -21.1404, -20.9228



80.1812, 24.3389, 14.3371

Square

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



80.1812, -21.1411, -20.9206



80.1812, 20.1987, -14.2563



80.1812, 14.0953, 23.4068



80.1812, -26.1388, 19.3721

Rectangle

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



80.1797, -21.1404, -20.9228



80.1812, 2.2302, -27.5779



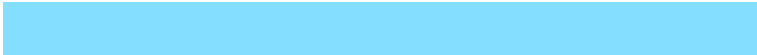
80.1812, 14.0953, 23.4068



80.1812, -10.5939, 26.9300

Sweetspot

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



80.1812, -21.1411, -20.9206



93.3435, -11.9180, -2.7838



88.8563, -51.7553, 31.0371



42.7690, -5.8913, -1.8213

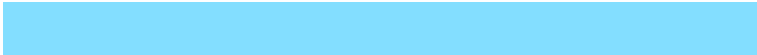
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.1812, -21.1411, -20.9206



76.9938, -22.0905, -25.7973



61.5531, 9.2422, -53.0388



44.2893, -4.4693, 0.1041



47.5742, -12.4850, -32.5121



15.4377, -4.7434, -9.0562

Inverse Universe

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



65.3974, 56.2618, -21.3732



60.6099, 67.2689, -24.7887



87.2988, -5.5686, 39.1109



42.6767, 3.0044, -0.1915



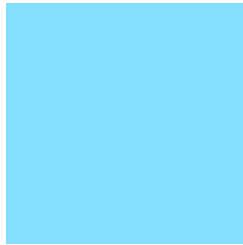
36.0732, 67.0544, -17.6039



11.3364, 21.2090, -6.5902

Previews

White Background



This preview shows how the HunterLab color 80.1797, -21.1404, -20.9228 looks on a white background.

Color Contrast Check

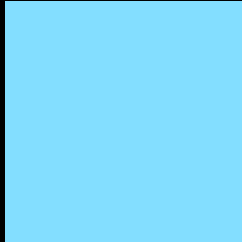
Large Text (above 18pt) WCAG AA × Fail

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 80.1797, -21.1404, -20.9228 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

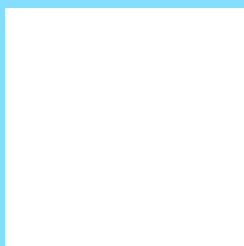
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.1797, -21.1404, -20.9228 Background



This preview shows how black text looks on a background with the HunterLab color 80.1797, -21.1404, -20.9228.



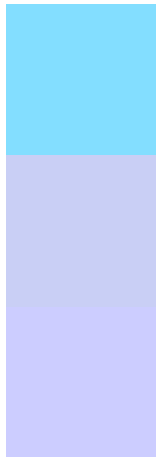
This preview shows how white text looks on a background with the HunterLab color 80.1797, -21.1404, -20.9228.

-21.1404, -20.9228.

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

80.1797, -21.1404, -20.9228

Protanopia

79.7720, 1.1047, -15.0315

Deuteranopia

79.8248, 5.1712, -20.9918



Tritanopia

80.1462, -25.7007, -13.2084

Trichromacy



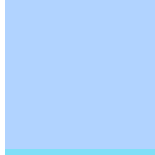
Original Color

80.1797, -21.1404, -20.9228



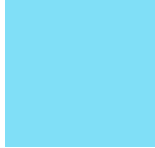
Protanomaly

79.4711, -7.5725, -18.0263



Deuteranomaly

79.4705, -5.4840, -21.7100



Tritanomaly

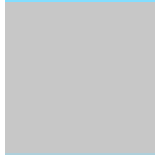
80.0500, -23.9603, -16.2682

Monochromacy



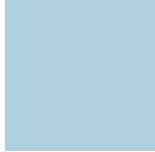
Original Color

80.1797, -21.1404, -20.9228



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

76.6412, -11.7208, -4.8245

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1797, -21.1404, -20.9228 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(131, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 222, 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(131, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 222, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1797, -21.1404, -20.9228 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(131, 222, 255) }
```


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

```
.border{ border-color:rgb(131, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 222,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1797, -21.1404, -20.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 222, 255) }
```

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

```
.background{ background-color: rgb(131,  
222, 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](#).

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