

Converting Colors

HunterLab(83.0714, -29.3444,
-16.8493)

Have a look what the booklet for
HunterLab(83.0714, -29.3444,
-16.8493) contains.

HunterLab(83.0714, -29.3444, -16.8493)	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(83.0714,
-29.3444, -16.8493)**

Conversions

Conversions Part 1

Format	Color
Hex	71E9FF
RGB	113, 233, 255
RGB Percent	44%, 91%, 100%
CMY	0.5568, 0.0863, 0.0000
CMYK	0.56, 0.09, 0.00, 0.00
HSL	189°, 100%, 72%
HSV	189°, 56%, 100%
XYZ	53.9990, 69.0086, 105.0817
YIQ	199.6280, -78.5820, -18.5980

Conversions

Conversions Part 2

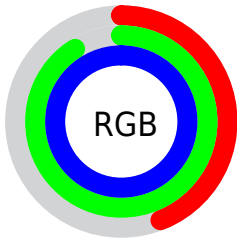
Format	Color
R_{YB}	113, 178, 255
Decimal	7465471
CIE _{Lab}	86.51, -27.73, -20.90
CIE _{LCh}	87, 34.730, 217.008
Yxy	69.0111, 0.2367, 0.3026
Android (android.graphics.Color)	4285655551 (0xFF71E9FF)
YUV	199.6280, 27.2984, -75.9728
Hunter-Lab	83.0714, -29.3444, -16.8493

Details

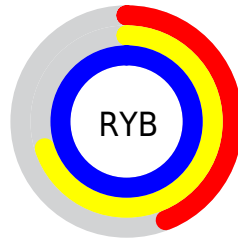
The HunterLab color **83.0714, -29.3444, -16.8493** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **63.0724, 39.2934, 24.8650**, and the grayscale version is **75.7535, -4.0420, 4.1158**.

A 20% lighter version of the original color is **93.7304, -27.8844, -2.5768**, and **59.9772, -25.2287, -16.2980** is the 20% darker color. If you saturate the color by 10%, you get **80.8325, -30.9062, -20.1265**, and if you desaturate by 10%, it is **85.5619, -26.8843, -13.3062**.

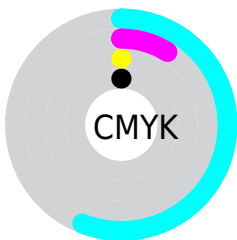
Distribution



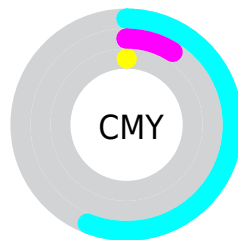
- Red (44%)
- Green (91%)
- Blue (100%)



- Red (44%)
- Yellow (70%)
- Blue (100%)



- Cyan (56%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0714, -29.3444, -16.8493 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 83.0714, -29.3444, -16.8493 by changing the saturation by 10% instead.

83.0714, -29.3444,
-16.8493

83.0714, -29.3444,
-16.8493

213.7920,
-46.5855, -16.1175

71.2185, -27.3023,
-16.6737

108.5345,
-33.3124, -17.0222

59.9887, -25.2053,
-16.4388

122.0910,
-35.2530, -17.0299

49.4203, -23.0378,
-16.1398

136.1692,
-37.1727, -16.9881

39.5578, -20.7769,
-15.7754

150.7504,
-39.0758, -16.8994

30.4558, -18.3885,
-15.3487

165.8178,
-40.9659, -16.7660

22.1841, -15.8188,
-14.8743

181.3563,

14.8364, -12.9750,

-42.8460, -16.5900

-14.4025

197.3519,
-44.7185, -16.3733

■ 8.4891, -14.6891,
-14.2982

0.0000, NaN, -NF

■ 83.0714, -29.3444,
-16.8493

■ 83.0714, -29.3444,
-16.8493

■ 80.8325, -30.9062,
-20.1265

■ 85.5619, -26.8843,
-13.3062

■ 78.8356, -31.5671,
-23.1262

■ 88.2990, -23.5512,
-9.5290

■ 77.0701, -31.3621,
-25.8406

■ 91.2801, -19.3912,
-5.5446

■ 75.5126, -30.3758,
-28.2842

■ 94.4980, -14.4618,
-1.3828

■ 74.8830, -29.7913,
-29.2864

■ 97.9439, -8.8272,
2.9275

100.0000, -5.3358,
5.4332

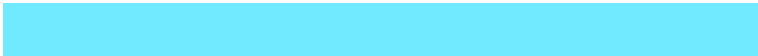
Harmonies

Analogous

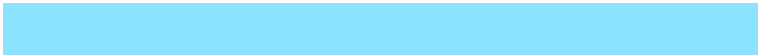
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0729, -34.9161, 0.5715



83.0714, -29.3444, -16.8493



83.0729, -17.0238, -30.1629

Triad

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



83.0729, -29.3450, -16.8471



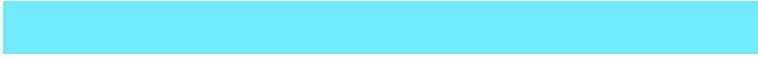
83.0729, 28.4237, -8.7989



83.0729, -8.4530, 30.1782

Complementary

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



83.0714, -29.3444, -16.8493



63.0724, 39.2934, 24.8650

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.



83.0729, 8.9469, 28.6778



83.0714, -29.3444, -16.8493



83.0729, 31.1887, 8.2873

Square

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



83.0729, -29.3450, -16.8471



83.0729, 16.5286, -24.8925



83.0729, 23.8025, 21.3893



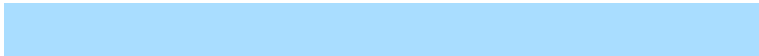
83.0729, -23.5098, 26.0134

Rectangle

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



83.0714, -29.3444, -16.8493



83.0729, -6.1646, -33.6499



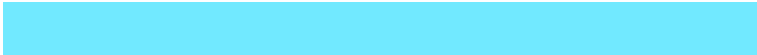
83.0729, 23.8025, 21.3893



83.0729, -2.6952, 30.3031

Sweetspot

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



83.0729, -29.3450, -16.8471



94.0612, -15.1525, -1.9398



87.6133, -57.7804, 37.6366



43.2121, -7.4868, -1.2883

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.0729, -29.3450, -16.8471



80.5559, -31.0444, -20.5377



60.6801, 5.3155, -54.9565



44.6920, -5.1165, 0.5852



54.2961, -21.7539, -20.9051



17.3031, -7.2587, -5.9579

Inverse Universe

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



62.4141, 67.6746, -33.5906



57.6672, 80.1594, -38.9264



81.4002, 2.5527, 38.8223



42.7190, 3.2311, -0.7930



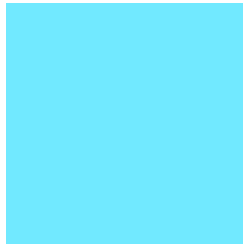
37.0190, 70.4065, -30.4225



11.6051, 22.1589, -10.2125

Previews

White Background



This preview shows how the HunterLab color 83.0714, -29.3444, -16.8493 looks on a white background.

Color Contrast Check

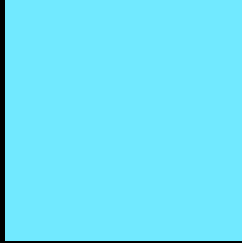
Large Text (above 18pt) WCAG AA × Fail

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 83.0714, -29.3444, -16.8493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

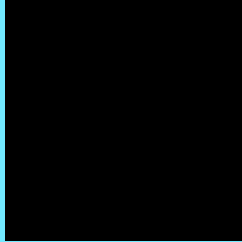
Any Text WCAG AA ✓ Pass

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 83.0714, -29.3444, -16.8493 Background



This preview shows how black text looks on a background with the HunterLab color 83.0714, -29.3444, -16.8493.



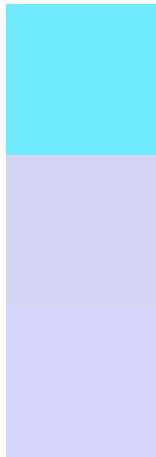
This preview shows how white text looks on a background with the HunterLab color 83.0714, -29.3444, -16.8493.

-29.3444, -16.8493.

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

83.0714, -29.3444, -16.8493

Protanopia

82.3700, 0.3628, -9.7041

Deuteranopia

82.5256, 4.9890, -17.0312



Tritanopia

82.9161, -30.1628, -15.2893

Trichromacy



Original Color

83.0714, -29.3444, -16.8493



Protanomaly

81.8632, -12.2996, -13.5032



Deuteranomaly

81.9940, -9.5764, -18.0544



Tritanomaly

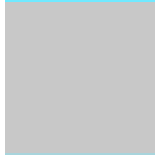
82.9545, -29.9410, -15.8268

Monochromacy



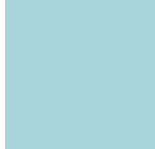
Original Color

83.0714, -29.3444, -16.8493



Achromatopsia

75.9987, -4.0551, 4.1292



Achromatomaly

77.8326, -15.5516, -3.8913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.0714, -29.3444, -16.8493 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(113, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 233, 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(113, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 233, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.0714, -29.3444, -16.8493 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(113, 233, 255) }
```


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

```
.border{ border-color:rgb(113, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 233,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.0714, -29.3444, -16.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 233, 255) }
```

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

```
.background{ background-color: rgb(113,  
233, 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