

Converting Colors

HunterLab(70.3980, -43.1467,
-68.4698)

Have a look what the booklet for
HunterLab(70.3980, -43.1467,
-68.4698) contains.

HunterLab(74.7134, -29.5677, -29.5571)	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(74.7134,
-29.5677, -29.5571)**

Conversions

Conversions Part 1

Format	Color
Hex	00D7FF
RGB	0, 215, 255
RGB Percent	0%, 84%, 100%
CMY	0.9997, 0.1569, 0.0000
CMYK	1.00, 0.16, 0.00, 0.00
HSL	189°, 100%, 50%
HSV	189°, 100%, 100%
XYZ	42.3505, 55.8209, 103.1502
YIQ	155.2750, -140.9800, -33.1400

Conversions

Conversions Part 2

Format	Color
RYB	0, 117, 255
Decimal	55295
CIELab	79.51, -29.79, -31.75
CIELCh	80, 43.540, 226.820
Yxy	55.8228, 0.2104, 0.2773
Android (android.graphics.Color)	4278245375 (0xFF00D7FF)
YUV	155.2750, 49.1644, -136.1762
Hunter-Lab	74.7134, -29.5677, -29.5571

Details

The HunterLab color **74.7134, -29.5677, -29.5571** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **47.7312, 73.5437, 30.6965**, and the grayscale version is **57.2212, -3.0532, 3.1089**.

A 20% lighter version of the original color is **90.8036, -38.9693, -6.5033**, and **54.0544, -19.4239, -25.6327** is the 20% darker color. If you saturate the color by 10%, you get **74.7103, -29.5636, -29.5620**, and if you desaturate by 10%, it is **76.2227, -30.8233, -27.1623**.

Distribution



- Red (0%)
- Green (84%)
- Blue (100%)



- Red (0%)
- Yellow (46%)
- Blue (100%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.7134, -29.5677, -29.5571 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 74.7134, -29.5677, -29.5571 by changing the saturation by 10% instead.

74.7134, -29.5677,
-29.5571

74.7134, -29.5677,
-29.5571

202.2433,
-47.7451, -31.8582

63.2937, -27.3726,
-29.0441

99.3707, -33.7978,
-30.4215

52.5224, -25.1040,
-28.4873

112.5500,
-35.8540, -30.7753

42.4427, -22.7392,
-27.8973

126.2652,
-37.8811, -31.0769

33.1058, -20.2452,
-27.3015

140.4964,
-39.8848, -31.3279

24.5762, -17.5710,
-26.7625

155.2253,
-41.8696, -31.5298

16.9391, -14.6315,
-26.4343

170.4357,

10.3146, -13.3149,

-43.8393, -31.6844

-26.7676

186.1129,
-45.7969, -31.7933

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.7134, -29.5677,
-29.5571

■ 74.7134, -29.5677,
-29.5571

■ 74.7103, -29.5636,
-29.5620

■ 76.2227, -30.8233,
-27.1623

■ 77.9125, -31.3994,
-24.5351

■ 79.8257, -31.1378,
-21.6262

■ 81.9784, -29.9852,
-18.4342

■ 84.3785, -27.9292,

-14.9731

■ 87.0273, -24.9870,
-11.2660

■ 89.9221, -21.1975,
-7.3410

■ 93.0568, -16.6141,
-3.2278

■ 96.4231, -11.2986,
1.0439

Harmonies

Analogous

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



74.7147, -38.7219, -7.8719



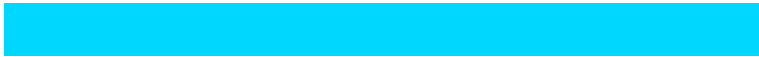
74.7134, -29.5677, -29.5571



74.7147, -12.9415, -43.5951

Triad

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



74.7147, -29.5677, -29.5550



74.7147, 39.3380, -5.1930



74.7147, -15.2754, 32.2017

Complementary

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



74.7134, -29.5677, -29.5571



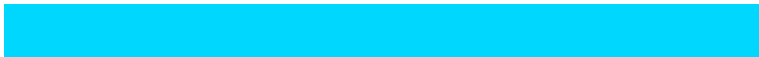
47.7312, 73.5437, 30.6965

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.



74.7147, 5.4026, 32.5505



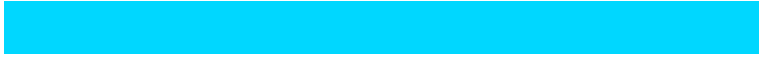
74.7134, -29.5677, -29.5571



74.7147, 38.5351, 14.3119

Square

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



74.7147, -29.5677, -29.5550



74.7147, 27.6559, -27.1350



74.7147, 25.5698, 26.9317



74.7147, -31.1138, 25.7957

Rectangle

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



74.7134, -29.5677, -29.5571



74.7147, 0.8452, -44.7653



74.7147, 25.5698, 26.9317



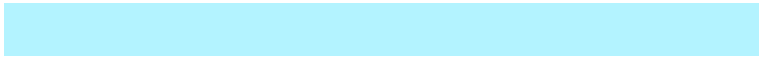
74.7147, -8.7065, 32.9542

Sweetspot

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



74.7147, -29.5677, -29.5550



89.9132, -21.2100, -7.3529



84.6537, -71.9903, 49.5999



41.0197, -10.5978, -4.1787

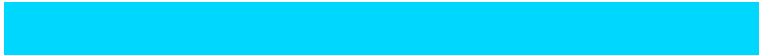
0.0000, NaN, NaN



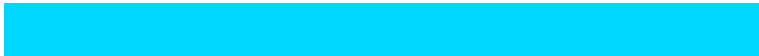
46.2646, -2.4686, 2.5136

Same Dimension

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



74.7147, -29.5677, -29.5550



74.7103, -29.5636, -29.5620



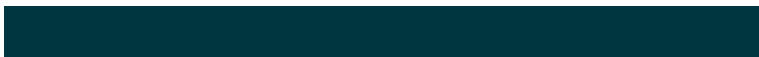
37.9673, 35.3348, -123.7263



44.6848, -5.1050, 0.5766



54.1733, -21.5922, -21.1004



17.2692, -7.2147, -6.0105

Inverse Universe

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



51.1548, 97.1869, -41.2936



51.1525, 97.1906, -41.2888



69.6071, 18.8089, 43.2190



42.7183, 3.2271, -0.7822



37.0008, 70.3425, -30.1791



11.6000, 22.1410, -10.1444

Previews

White Background



This preview shows how the HunterLab color 74.7134, -29.5677, -29.5571 looks on a white background.

Color Contrast Check

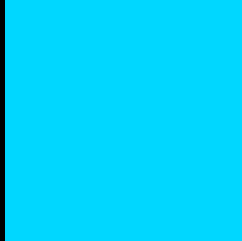
Large Text (above 18pt) WCAG AA × Fail

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 74.7134, -29.5677, -29.5571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

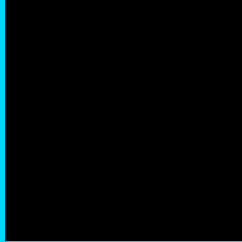
Any Text WCAG AA ✓ Pass

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 74.7134, -29.5677, -29.5571 Background



This preview shows how black text looks on a background with the HunterLab color 74.7134, -29.5677, -29.5571.



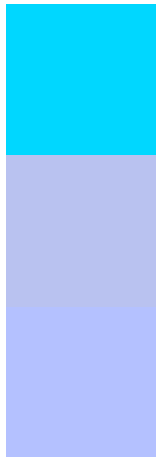
This preview shows how white text looks on a background with the HunterLab color 74.7134,

-29.5677, -29.5571.

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

74.7134, -29.5677, -29.5571

Protanopia

74.2894, 2.2119, -19.9779

Deuteranopia

74.2046, 4.7119, -29.7852



Tritanopia

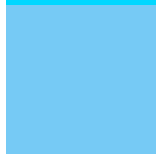
74.5814, -35.2421, -17.1427

Trichromacy



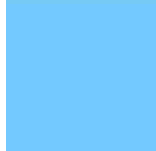
Original Color

74.7134, -29.5677, -29.5571



Protanomaly

72.5846, -16.1790, -26.1207



Deuteranomaly

72.5521, -13.7755, -32.8488



Tritanomaly

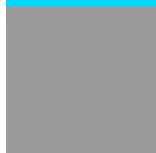
74.5134, -33.1806, -21.5080

Monochromacy



Original Color

74.7134, -29.5677, -29.5571



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

61.5293, -19.8563, -9.9299

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.7134, -29.5677, -29.5571 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(0, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 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(0, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 74.7134, -29.5677, -29.5571 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(0, 215, 255) }
```


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

```
.border{ border-color:rgb(0, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.7134, -29.5677, -29.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 215, 255) }
```

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

```
.background{ background-color: rgb(0, 215,  
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