

Converting Colors

HunterLab(70.0916, -22.9480,
-37.2397)

Have a look what the booklet for
HunterLab(70.0916, -22.9480,
-37.2397) contains.

HunterLab(70.0677, -22.9241, -37.2812)	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(70.0677,
-22.9241, -37.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	0FC9FF
RGB	15, 201, 255
RGB Percent	6%, 79%, 100%
CMY	0.9409, 0.2118, 0.0000
CMYK	0.94, 0.21, 0.00, 0.00
HSL	194°, 100%, 53%
HSV	194°, 94%, 100%
XYZ	39.1336, 49.0948, 102.0213
YIQ	151.5420, -128.1900, -22.6380

Conversions

Conversions Part 2

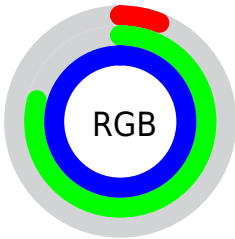
Format	Color
R_{YB}	15, 120, 255
Decimal	1034751
CIE _{Lab}	75.51, -22.47, -37.93
CIE _{LCh}	76, 44.086, 239.356
Yxy	49.0964, 0.2057, 0.2581
Android (android.graphics.Color)	4279224831 (0xFF0FC9FF)
YUV	151.5420, 51.0048, -119.7473
Hunter-Lab	70.0677, -22.9241, -37.2812

Details

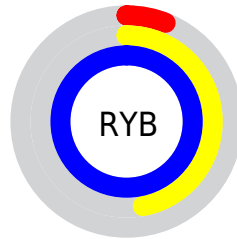
The HunterLab color **70.0677, -22.9241, -37.2812** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **50.5550, 64.9720, 31.7565**, and the grayscale version is **55.6944, -2.9717, 3.0260**.

A 20% lighter version of the original color is **90.8416, -38.8231, -6.4516**, and **49.9446, -13.6839, -32.8868** is the 20% darker color. If you saturate the color by 10%, you get **68.8705, -21.6306, -39.3879**, and if you desaturate by 10%, it is **72.2376, -24.6171, -33.5691**.

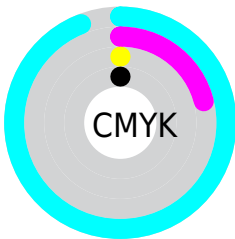
Distribution



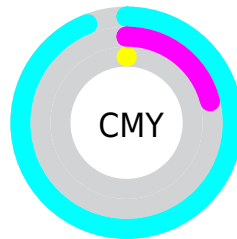
- Red (6%)
- Green (79%)
- Blue (100%)



- Red (6%)
- Yellow (47%)
- Blue (100%)



- Cyan (94%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0677, -22.9241, -37.2812 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 70.0677, -22.9241, -37.2812 by changing the saturation by 10% instead.

70.0677, -22.9241,
-37.2812

70.0677, -22.9241,
-37.2812

195.7350,
-38.2540, -41.0833

58.9033, -21.1205,
-36.6393

94.2522, -26.4293,
-38.4525

48.4033, -19.2678,
-35.9846

107.2107,
-28.1476, -38.9721

38.6140, -17.3476,
-35.3498

120.7140,
-29.8504, -39.4435

29.5915, -15.3329,
-34.8056

134.7410,
-31.5421, -39.8662

21.4073, -13.1805,
-34.5073

149.2727,
-33.2258, -40.2406

14.1583, -10.8147,
-34.8469

164.2924,

7.8111, -12.9528,

-34.9043, -40.5675

-38.1469

179.7844,
-36.5797, -40.8480

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.0677, -22.9241,
-37.2812

■ 70.0677, -22.9241,
-37.2812

■ 68.8705, -21.6306,
-39.3879

■ 72.2376, -24.6171,
-33.5691

■ 74.6375, -25.4720,
-29.6085

■ 77.2845, -25.4288,
-25.4027

■ 80.1838, -24.4771,
-20.9751

■ 83.3336, -22.6394,

-16.3578

■ 86.7279, -19.9605,
-11.5851

■ 90.3573, -16.4984,
-6.6901

■ 94.2110, -12.3180,
-1.7030

■ 98.2770, -7.4864,
3.3504

Harmonies

Analogous

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



70.0689, -35.2097, -17.4369



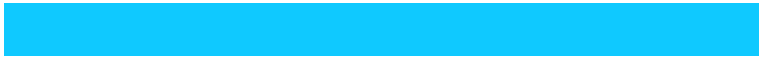
70.0677, -22.9241, -37.2812



70.0689, -4.1900, -45.6815

Triad

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



70.0689, -22.9239, -37.2792



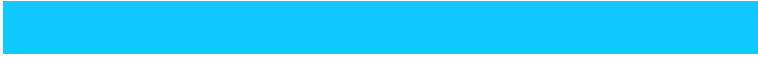
70.0689, 40.7355, 3.3864



70.0689, -22.2320, 29.4676

Complementary

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



70.0677, -22.9241, -37.2812



50.5550, 64.9720, 31.7565

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.



70.0689, -3.2937, 32.1224



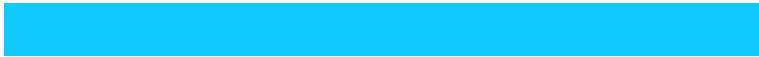
70.0677, -22.9241, -37.2812



70.0689, 34.4935, 19.9725

Square

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



70.0689, -22.9239, -37.2792



70.0689, 33.9544, -18.3961



70.0689, 17.7538, 29.2226



70.0689, -34.8441, 20.5190

Rectangle

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



70.0677, -22.9241, -37.2812



70.0689, 9.9639, -42.2204



70.0689, 17.7538, 29.2226



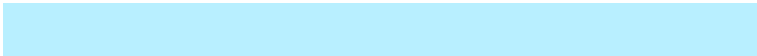
70.0689, -16.4701, 30.9863

Sweetspot

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



70.0689, -22.9239, -37.2792



88.9123, -17.9398, -8.6146



84.8692, -70.7593, 47.3424



40.4151, -8.9754, -4.9607

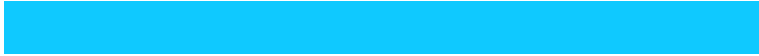
0.0000, NaN, NaN



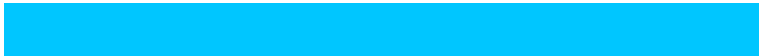
46.2646, -2.4686, 2.5136

Same Dimension

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



70.0689, -22.9239, -37.2792



68.8705, -21.6306, -39.3879



36.7630, 39.3016, -129.2386



44.4378, -4.7085, 0.2819



50.0183, -15.9641, -28.0565



16.1178, -5.6850, -7.8736

Inverse Universe

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



50.8139, 93.5827, -31.5279



50.3184, 94.2389, -30.0207



75.3940, 7.9849, 46.2400



42.6923, 3.0878, -0.4128



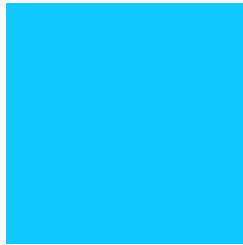
36.4055, 68.2366, -22.1430



11.4315, 21.5465, -7.8819

Previews

White Background



This preview shows how the HunterLab color 70.0677, -22.9241, -37.2812 looks on a white background.

Color Contrast Check

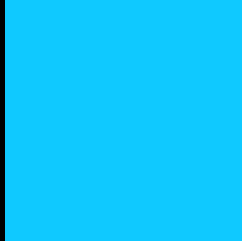
Large Text (above 18pt) WCAG AA × Fail

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 70.0677, -22.9241, -37.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

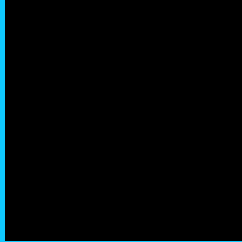
Any Text WCAG AA ✓ Pass

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 70.0677, -22.9241, -37.2812 Background



This preview shows how black text looks on a background with the HunterLab color 70.0677, -22.9241, -37.2812.



This preview shows how white text looks on a background with the HunterLab color 70.0677, -22.9241, -37.2812.

-22.9241, -37.2812.

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

70.0677, -22.9241, -37.2812

Protanopia

69.4563, 4.2956, -28.1645

Deuteranopia

69.6854, 4.7959, -37.4707



Tritanopia

69.9165, -33.2972, -15.5104

Trichromacy



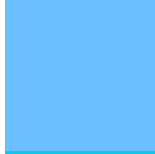
Original Color

70.0677, -22.9241, -37.2812



Protanomaly

68.2347, -10.4759, -33.8970



Deuteranomaly

68.6824, -9.6703, -39.5176



Tritanomaly

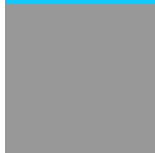
70.0722, -29.9953, -22.5755

Monochromacy



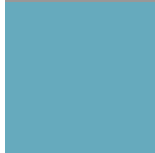
Original Color

70.0677, -22.9241, -37.2812



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

59.3703, -16.5892, -11.7857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0677, -22.9241, -37.2812 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(15, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 201, 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(15, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 201, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0677, -22.9241, -37.2812 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(15, 201, 255) }
```


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

```
.border{ border-color:rgb(15, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 201,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0677, -22.9241, -37.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 201, 255) }
```

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

```
.background{ background-color: rgb(15, 201,  
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