

Converting Colors

HunterLab(67.1281, -29.3489,
-20.5485)

Have a look what the booklet for
HunterLab(67.1281, -29.3489,
-20.5485) contains.

| | |
|---|----|
| HunterLab(67.2757, -29.4173, -20.5853) | 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(67.2757,
-29.4173, -20.5853)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00C5DF |
| RGB | 0, 197, 223 |
| RGB Percent | 0%, 77%, 87% |
| CMY | 0.9998, 0.2274, 0.1255 |
| CMYK | 1.00, 0.12, 0.00, 0.13 |
| HSL | 187°, 100%, 44% |
| HSV | 187°, 100%, 87% |
| XYZ | 33.2855, 45.2602, 76.7938 |
| YIQ | 141.0610, -125.7580, -33.6780 |

Conversions

Conversions Part 2

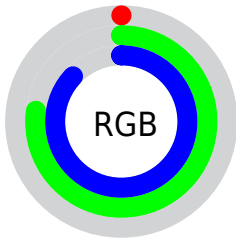
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 105, 223 |
| Decimal | 50655 |
| CIELab | 73.06, -31.46, -24.47 |
| CIELCh | 73, 39.855, 217.876 |
| Yxy | 45.2618, 0.2143, 0.2914 |
| Android (android.graphics.Color) | 4278240735 (0xFF00C5DF) |
| YUV | 141.0610, 40.3959, -123.7105 |
| Hunter-Lab | 67.2757, -29.4173, -20.5853 |

Details

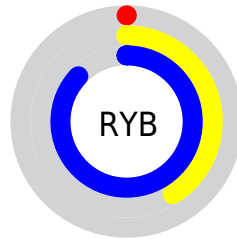
The HunterLab color **67.2757, -29.4173, -20.5853** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **40.5333, 64.7152, 26.1070**, and the grayscale version is **51.5211, -2.7490, 2.7992**.

A 20% lighter version of the original color is **90.1619, -39.6383, -7.3501**, and **47.4047, -19.3586, -17.4622** is the 20% darker color. If you saturate the color by 10%, you get **67.2744, -29.4153, -20.5880**, and if you desaturate by 10%, it is **68.2842, -30.0420, -19.0668**.

Distribution



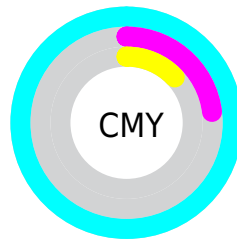
- Red (0%)
- Green (77%)
- Blue (87%)



- Red (0%)
- Yellow (41%)
- Blue (87%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.2757, -29.4173, -20.5853 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 67.2757, -29.4173, -20.5853 by changing the saturation by 10% instead.

67.2757, -29.4173,
-20.5853

67.2757, -29.4173,
-20.5853

191.7897,
-48.4316, -21.3945

56.2705, -27.0782,
-20.2204

91.1664, -33.8893,
-21.1323

45.9399, -24.6442,
-19.7967

103.9881,
-36.0499, -21.3203

36.3326, -22.0841,
-19.3180

117.3601,
-38.1731, -21.4542

27.5079, -19.3516,
-18.7999

131.2608,
-40.2659, -21.5364

19.5424, -16.3716,
-18.2870

145.6706,
-42.3339, -21.5693

12.5414, -13.3129,
-17.9119

160.5723,

5.8241, -10.1921,

-44.3818, -21.5553

-22.0418

175.9501,
-46.4133, -21.4964

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.2757, -29.4173,
-20.5853

■ 67.2757, -29.4173,
-20.5853

■ 67.2744, -29.4153,
-20.5880

■ 68.2842, -30.0420,
-19.0668

■ 69.4367, -30.1138,
-17.3518

■ 70.7732, -29.4856,
-15.3916

■ 72.3093, -28.1075,
-13.1786

■ 74.0535, -25.9623,

-10.7179

■ 76.0097, -23.0578,
-8.0232

■ 78.1775, -19.4211,
-5.1136

■ 80.5540, -15.0932,
-2.0115

■ 83.1336, -10.1242,
1.2595

Harmonies

Analogous

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



67.2769, -35.3100, -1.1387



67.2757, -29.4173, -20.5853



67.2769, -16.4649, -35.8007

Triad

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



67.2769, -29.4171, -20.5842



67.2769, 32.6071, -10.3592



67.2769, -8.3958, 29.2860

Complementary

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



67.2757, -29.4173, -20.5853



40.5333, 64.7152, 26.1070

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.



67.2769, 10.3251, 28.0608



67.2757, -29.4173, -20.5853



67.2769, 35.3660, 8.1332

Square

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



67.2769, -29.4171, -20.5842



67.2769, 19.6531, -28.8730



67.2769, 26.8293, 21.2916



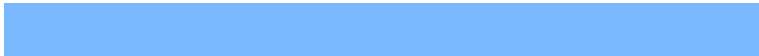
67.2769, -24.0574, 25.2601

Rectangle

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



67.2757, -29.4173, -20.5853



67.2769, -4.9057, -39.6543



67.2769, 26.8293, 21.2916



67.2769, -2.2708, 29.4487

Sweetspot

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



67.2769, -29.4171, -20.5842



90.9417, -22.7240, -6.0401



72.6881, -62.0376, 43.0703



41.5652, -11.3880, -3.4723

0.0000, NaN, NaN



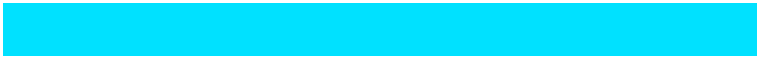
46.2646, -2.4686, 2.5136

Same Dimension

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



67.2769, -29.4171, -20.5842



78.2387, -34.1451, -24.0821



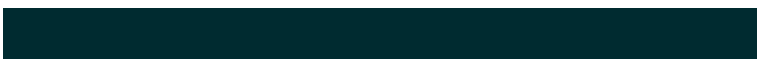
35.3721, 23.4426, -94.8123



39.0962, -4.6223, 0.6743



51.6907, -22.6895, -15.6288



13.8938, -6.3347, -3.6913

Inverse Universe

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



44.4080, 85.1208, -41.6733



51.6823, 99.0536, -48.3556



57.1748, 21.4923, 35.6055



37.2916, 2.8174, -0.8324



34.0667, 65.3295, -32.1668



9.0129, 17.3538, -9.0510

Previews

White Background



This preview shows how the HunterLab color 67.2757, -29.4173, -20.5853 looks on a white background.

Color Contrast Check

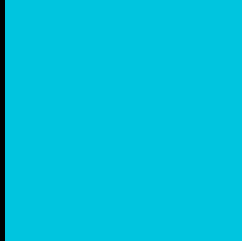
Large Text (above 18pt) WCAG AA × Fail

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 67.2757, -29.4173, -20.5853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

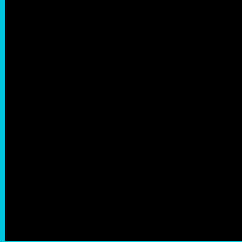
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

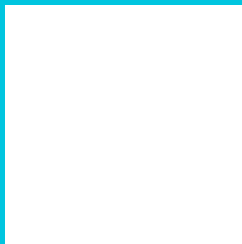
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.2757, -29.4173, -20.5853 Background



This preview shows how black text looks on a background with the HunterLab color 67.2757, -29.4173, -20.5853.



This preview shows how white text looks on a background with the HunterLab color 67.2757,

-29.4173, -20.5853.

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

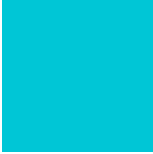
67.2757, -29.4173, -20.5853

Protanopia

66.9465, 0.8117, -12.1564

Deuteranopia

66.8554, 5.0082, -23.8093



Tritanopia

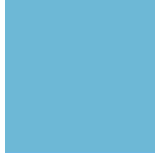
67.2631, -31.9099, -15.1887

Trichromacy



Original Color

67.2757, -29.4173, -20.5853



Protanomaly

65.1055, -16.3717, -18.1046



Deuteranomaly

65.2274, -13.3178, -25.4424



Tritanomaly

67.3780, -31.2326, -16.7944

Monochromacy



Original Color

67.2757, -29.4173, -20.5853



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

55.3206, -18.3648, -7.5258

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2757, -29.4173, -20.5853 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, 197, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 223)  
}
```

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, 197, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 223) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2757, -29.4173, -20.5853 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, 197, 223) }
```


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

```
.border{ border-color:rgb(0, 197, 223) }
```

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

Here you see how a box with a 4 pixel rgb(0, 197, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 223);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
223) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2757, -29.4173, -20.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 223) }
```

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

```
.background{ background-color: rgb(0, 197,  
223) }
```

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