

Converting Colors

HunterLab(70.0734, -49.7992,
-16.2192)

Have a look what the booklet for
HunterLab(70.0734, -49.7992,
-16.2192) contains.

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Color

**HunterLab(73.3995,
-37.2887, -11.2473)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00D7DE |
| RGB | 0, 215, 222 |
| RGB Percent | 0%, 84%, 87% |
| CMY | 0.9998, 0.1569, 0.1294 |
| CMYK | 1.00, 0.03, 0.00, 0.13 |
| HSL | 182°, 100%, 44% |
| HSV | 182°, 100%, 87% |
| XYZ | 37.4853, 53.8749, 77.5306 |
| YIQ | 151.5130, -130.3870, -43.4030 |

Conversions

Conversions Part 2

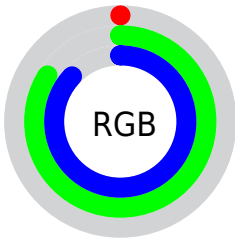
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 109, 222 |
| Decimal | 55262 |
| CIELab | 78.39, -40.18, -15.85 |
| CIELCh | 78, 43.191, 201.535 |
| Yxy | 53.8768, 0.2220, 0.3190 |
| Android (android.graphics.Color) | 4278245342 (0xFF00D7DE) |
| YUV | 151.5130, 34.7501, -132.8769 |
| Hunter-Lab | 73.3995, -37.2887, -11.2473 |

Details

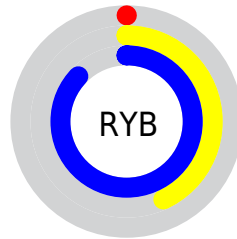
The HunterLab color **73.3995, -37.2887, -11.2473** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **39.6020, 66.8258, 25.5700**, and the grayscale version is **55.7470, -2.9745, 3.0288**.

A 20% lighter version of the original color is **90.6198, -39.6786, -6.7543**, and **52.5227, -26.0742, -9.3620** is the 20% darker color. If you saturate the color by 10%, you get **73.4000, -37.2889, -11.2475**, and if you desaturate by 10%, it is **73.7613, -37.1199, -10.7484**.

Distribution



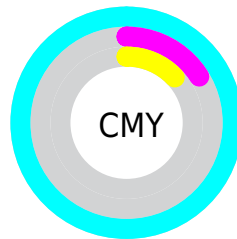
- Red (0%)
- Green (84%)
- Blue (87%)



- Red (0%)
- Yellow (43%)
- Blue (87%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.3995, -37.2887, -11.2473 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 73.3995, -37.2887, -11.2473 by changing the saturation by 10% instead.

73.3995, -37.2887,
-11.2473

73.3995, -37.2887,
-11.2473

200.4096,
-59.7036, -9.4285

62.0510, -34.4857,
-11.1957

97.9252, -42.6230,
-11.1735

51.3551, -31.5613,
-11.0812

111.0428,
-45.1868, -11.0577

41.3561, -28.4809,
-10.8982

124.6990,
-47.6973, -10.8933

32.1063, -25.1939,
-10.6423

138.8731,
-50.1631, -10.6831

23.6722, -21.6230,
-10.3117

153.5470,
-52.5914, -10.4294

16.1421, -17.6399,
-9.9148

168.7041,

9.6411, -16.8719,

-54.9878, -10.1345

-9.5025

184.3295,
-57.3572, -9.8003

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 73.3995, -37.2887,
-11.2473

■ 73.3995, -37.2887,
-11.2473

■ 73.4000, -37.2889,
-11.2475

■ 73.7613, -37.1199,
-10.7484

■ 74.2551, -36.4291,
-10.0626

■ 74.9227, -35.0641,
-9.1356

■ 75.7837, -32.9610,
-7.9470

■ 76.8515, -30.0864,

-6.4874

■ 78.1350, -26.4326,
-4.7568

■ 79.6390, -22.0135,
-2.7623

■ 81.3648, -16.8606,
-0.5173

■ 83.3110, -11.0190,
1.9605

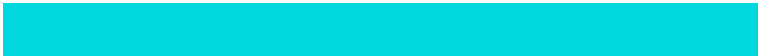
Harmonies

Analogous

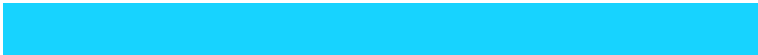
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4008, -39.1734, 9.3348



73.3995, -37.2887, -11.2473



73.4008, -26.9970, -32.1085

Triad

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



73.4008, -37.2887, -11.2463



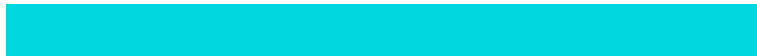
73.4008, 29.7856, -23.5596



73.4008, 2.0092, 32.3732

Complementary

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



73.3995, -37.2887, -11.2473



39.6020, 66.8258, 25.5700

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.



73.4008, 22.4142, 27.8223



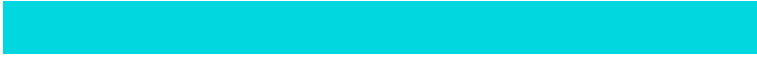
73.3995, -37.2887, -11.2473



73.4008, 39.5706, -1.7779

Square

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



73.4008, -37.2887, -11.2463



73.4008, 11.2123, -40.4747



73.4008, 36.7337, 16.5388



73.4008, -17.9186, 31.1385

Rectangle

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



73.3995, -37.2887, -11.2473



73.4008, -16.0639, -41.5538



73.4008, 36.7337, 16.5388



73.4008, 9.0678, 31.5281

Sweetspot

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



73.4008, -37.2887, -11.2463



93.1315, -25.9011, -3.2961



72.2855, -61.9429, 43.3691



42.7276, -13.0447, -1.9992

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.4008, -37.2887, -11.2463



85.8583, -43.6027, -13.1898



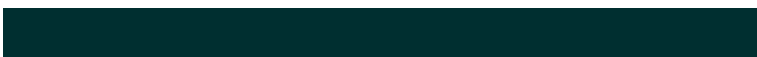
39.8231, 13.1337, -78.1220



39.3628, -5.0467, 0.9892



56.5977, -28.7730, -8.6295



14.9798, -7.6704, -2.1652

Inverse Universe

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



45.2079, 88.2656, -54.9167



52.8894, 103.2666, -64.2097



52.6589, 30.6396, 32.9827



37.3199, 2.9687, -1.2339



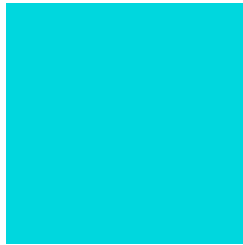
34.8451, 68.0458, -42.3866



9.1869, 17.9599, -11.3280

Previews

White Background



This preview shows how the HunterLab color 73.3995, -37.2887, -11.2473 looks on a white background.

Color Contrast Check

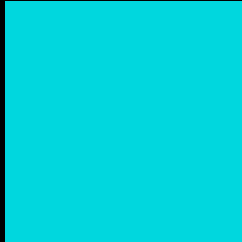
Large Text (above 18pt) WCAG AA × Fail

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 73.3995, -37.2887, -11.2473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

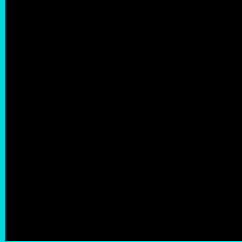
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

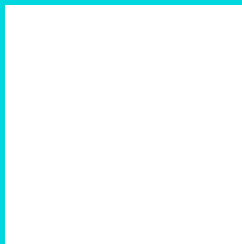
Any Text WCAG AAA ✓ Pass

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

HunterLab 73.3995, -37.2887, -11.2473 Background



This preview shows how black text looks on a background with the HunterLab color 73.3995, -37.2887, -11.2473.



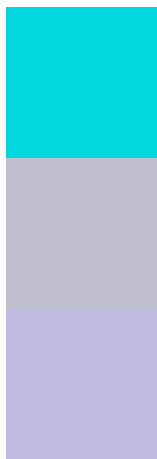
This preview shows how white text looks on a background with the HunterLab color 73.3995,

-37.2887, -11.2473.

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

73.3995, -37.2887, -11.2473

Protanopia

72.7826, -0.7428, -3.2528

Deuteranopia

72.8267, 5.4846, -14.7843



Tritanopia

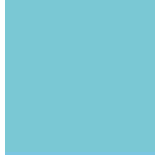
73.5894, -34.0962, -16.1625

Trichromacy



Original Color

73.3995, -37.2887, -11.2473



Protanomaly

70.8517, -21.7957, -8.8463



Deuteranomaly

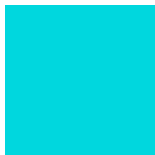
70.7744, -17.7001, -16.9752



Tritanomaly

73.3780, -35.1485, -14.7070

Monochromacy



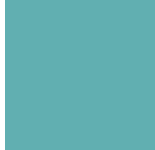
Original Color

73.3995, -37.2887, -11.2473



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

60.3122, -22.0989, -4.1127

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.3995, -37.2887, -11.2473 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 73.3995, -37.2887, -11.2473 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, 222) }
```


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

```
.border{ border-color:rgb(0, 215, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.3995, -37.2887, -11.2473 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, 222) }
```

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

```
.background{ background-color: rgb(0, 215,  
222) }
```

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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