

Converting Colors

HunterLab(74.7423, -47.2091,
8.5979)

Have a look what the booklet for
HunterLab(74.7423, -47.2091,
8.5979) contains.

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Color

**HunterLab(74.6998,
-47.0679, 8.3344)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 02DEBA |
| RGB | 2, 222, 186 |
| RGB Percent | 1%, 87%, 73% |
| CMY | 0.9920, 0.1294, 0.2706 |
| CMYK | 0.99, 0.00, 0.16, 0.13 |
| HSL | 170°, 98%, 44% |
| HSV | 170°, 99%, 87% |
| XYZ | 35.0092, 55.8006, 55.3797 |
| YIQ | 152.1160, -119.5640, -57.8360 |

Conversions

Conversions Part 2

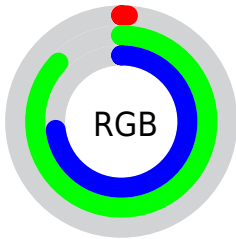
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 2, 122, 222 |
| Decimal | 188090 |
| CIELab | 79.50, -53.23, 5.01 |
| CIELCh | 80, 53.460, 174.623 |
| Yxy | 55.8027, 0.2395, 0.3817 |
| Android (android.graphics.Color) | 4278378170 (0xFF02DEBA) |
| YUV | 152.1160, 16.7048, -131.6517 |
| Hunter-Lab | 74.6998, -47.0679, 8.3344 |

Details

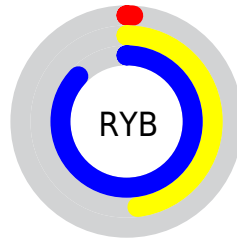
The HunterLab color **74.6998, -47.0679, 8.3344** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **39.6415, 67.9544, 22.8692**, and the grayscale version is **56.0562, -2.9910, 3.0456**.

A 20% lighter version of the original color is **90.1011, -42.5870, -0.5039**, and **53.8200, -34.9176, 8.1067** is the 20% darker color. If you saturate the color by 10%, you get **74.6830, -47.1613, 8.4606**, and if you desaturate by 10%, it is **74.9288, -45.9382, 6.9842**.

Distribution



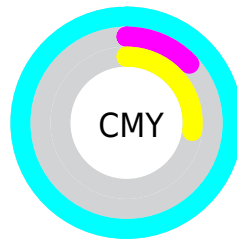
- Red (1%)
- Green (87%)
- Blue (73%)



- Red (1%)
- Yellow (48%)
- Blue (87%)



- Cyan (99%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)





- Cyan (99%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.6998, -47.0679, 8.3344 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 74.6998, -47.0679, 8.3344 by changing the saturation by 10% instead.


 74.6998, -47.0679,
8.3344


 74.6998, -47.0679,
8.3344


202.2246,
-74.8568, 17.0465


 63.2810, -43.5013,
7.4694


 99.3560, -53.7967,
10.1280


 52.5104, -39.7566,
6.6232


 112.5346,
-57.0034, 11.0554


 42.4316, -35.7870,
5.7956


 126.2492,
-60.1269, 12.0034

 33.0955, -31.5251,
4.9844

 140.4798,
-63.1795, 12.9719

 24.5669, -26.8697,
4.1856

 155.2082,
-66.1712, 13.9607

 16.9310, -21.6938,
3.3916

170.4181,

 10.3077, -18.0384,

-69.1103, 14.9695

2.6421

186.0947,
-72.0036, 15.9982

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6998, -47.0679,
8.3344

■ 74.6998, -47.0679,
8.3344

■ 74.6830, -47.1613,
8.4606

■ 74.9288, -45.9382,
6.9842

■ 75.2979, -44.2390,
5.7736

■ 75.8440, -41.8398,
4.7542

■ 76.5869, -38.6818,
3.9582

■ 77.5405, -34.7373,

3.4096

■ 78.7143, -30.0048,
3.1253

■ 80.1135, -24.5047,
3.1147

■ 81.7400, -18.2756,
3.3811

■ 83.5927, -11.3692,
3.9217

Harmonies

Analogous

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



74.7012, -40.1381, 26.4692



74.6998, -47.0679, 8.3344



74.7012, -43.7870, -18.2715

Triad

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



74.7012, -47.0683, 8.3352



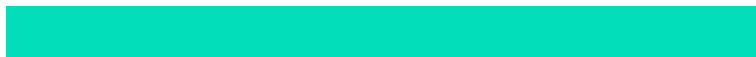
74.7012, 17.7167, -52.4778



74.7012, 26.8010, 33.1212

Complementary

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



74.6998, -47.0679, 8.3344



39.6415, 67.9544, 22.8692

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.



74.7012, 46.4063, 21.1089



74.6998, -47.0679, 8.3344



74.7012, 40.6849, -28.5605

Square

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



74.7012, -47.0683, 8.3352



74.7012, -8.5608, -59.4447



74.7012, 51.8014, -0.4707



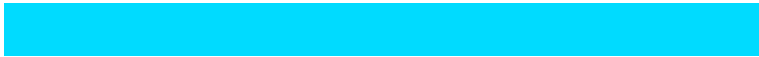
74.7012, 0.6937, 37.3436

Rectangle

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



74.6998, -47.0679, 8.3344



74.7012, -35.9859, -37.0260



74.7012, 51.8014, -0.4707



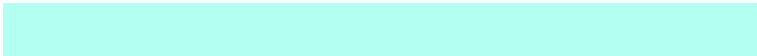
74.7012, 34.5033, 30.1083

Sweetspot

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



74.7012, -47.0683, 8.3352



93.5328, -29.4552, 3.6293



72.5770, -60.7063, 43.6111



42.9418, -14.9223, 1.6705

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.7012, -47.0683, 8.3352



87.3714, -55.2364, 10.0330



51.6540, -7.7766, -47.6333



39.4104, -5.4899, 1.8389



57.5695, -36.2728, 6.3456



15.1910, -9.3422, 1.1796

Inverse Universe

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



39.6415, 67.9544, 22.8692



46.2874, 79.6257, 27.1420



45.4043, 49.0064, 28.7595



37.0634, 1.5926, 2.4162



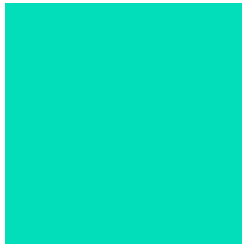
30.5156, 52.5462, 17.4904



8.1040, 14.0928, 3.5744

Previews

White Background



This preview shows how the HunterLab color 74.6998, -47.0679, 8.3344 looks on a white background.

Color Contrast Check

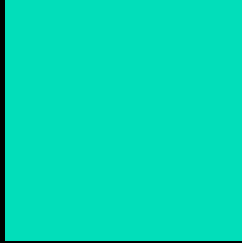
Large Text (above 18pt) WCAG AA × Fail

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 74.6998, -47.0679, 8.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

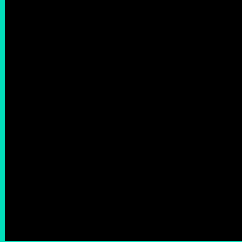
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

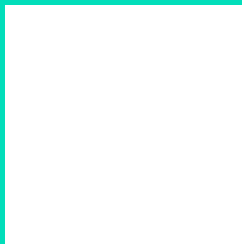
Any Text WCAG AAA ✓ Pass

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

HunterLab 74.6998, -47.0679, 8.3344 Background



This preview shows how black text looks on a background with the HunterLab color 74.6998, -47.0679, 8.3344.



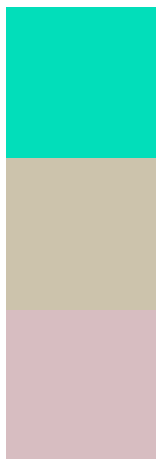
This preview shows how white text looks on a background with the HunterLab color 74.6998, -47.0679, 8.3344.

-47.0679, 8.3344.

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

74.6998, -47.0679, 8.3344

Protanopia

74.0582, -4.5973, 14.3071

Deuteranopia

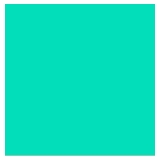
73.9544, 5.3763, 5.2165



Tritanopia

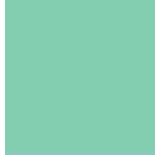
74.5257, -32.0793, -15.9699

Trichromacy



Original Color

74.6998, -47.0679, 8.3344



Protanomaly

71.8765, -28.6142, 9.4778



Deuteranomaly

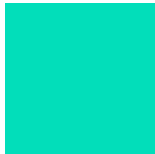
71.3402, -23.1048, 3.0684



Tritanomaly

74.5467, -38.5556, -6.4095

Monochromacy



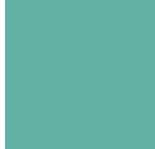
Original Color

74.6998, -47.0679, 8.3344



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

60.5525, -25.3348, 2.4789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.6998, -47.0679, 8.3344 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(2, 222, 186)` looks like.

```
.text, #text, p{  
    color:rgb(2, 222, 186)  
}
```

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(2, 222, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 222, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 74.6998, -47.0679, 8.3344 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(2, 222, 186) }
```


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

```
.border{ border-color:rgb(2, 222, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 222, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 222, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 222, 186);  
box-shadow:4px 4px 4px 4px rgb(2, 222,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.6998, -47.0679, 8.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 222, 186) }
```

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

```
.background{ background-color: rgb(2, 222,  
186) }
```

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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