

Converting Colors

HunterLab(77.6740, -39.8932,
-7.7485)

Have a look what the booklet for
HunterLab(77.6740, -39.8932,
-7.7485) contains.

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Color

**HunterLab(77.6755,
-39.8773, -7.7557)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 28E2E2 |
| RGB | 40, 226, 226 |
| RGB Percent | 16%, 89%, 89% |
| CMY | 0.8431, 0.1137, 0.1137 |
| CMYK | 0.82, 0.00, 0.00, 0.11 |
| HSL | 180°, 76%, 52% |
| HSV | 180°, 82%, 89% |
| XYZ | 41.7989, 60.3348, 81.3943 |
| YIQ | 170.3860, -110.8560, -39.4320 |

Conversions

Conversions Part 2

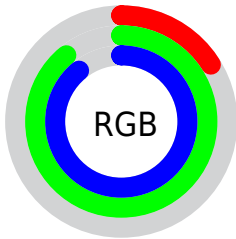
| Format | Color |
|-------------------------------------|--|
| RYB | 40, 133, 226 |
| Decimal | 2679522 |
| CIELab | 82.02, -42.27, -12.51 |
| CIELCh | 82, 44.083, 196.489 |
| Yxy | 60.3371, 0.2278, 0.3288 |
| Android (android.graphics.Color) | 4280869602 (0xFF28E2E2) |
| YUV | 170.3860, 27.4177, -114.3485 |
| Hunter-Lab | 77.6755, -39.8773, -7.7557 |

Details

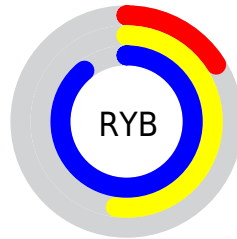
The HunterLab color **77.6755, -39.8773, -7.7557** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **42.2392, 63.4575, 24.3181**, and the grayscale version is **63.4876, -3.3875, 3.4494**.

A 20% lighter version of the original color is **91.0774, -37.9158, -6.1305**, and **56.2936, -29.6253, -6.4096** is the 20% darker color. If you saturate the color by 10%, you get **77.4652, -40.7125, -8.0497**, and if you desaturate by 10%, it is **78.0576, -38.3824, -7.2262**.

Distribution



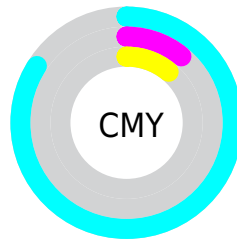
- Red (16%)
- Green (89%)
- Blue (89%)



- Red (16%)
- Yellow (52%)
- Blue (89%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (84%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.6755, -39.8773, -7.7557 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 77.6755, -39.8773, -7.7557 by changing the saturation by 10% instead.

77.6755, -39.8773,
-7.7557

77.6755, -39.8773,
-7.7557

206.3587,
-62.9956, -4.7961

66.0987, -36.9915,
-7.8506

102.6248,
-45.3767, -7.4022

55.1608, -33.9852,
-7.8872

115.9405,
-48.0215, -7.1529

44.9033, -30.8259,
-7.8591

129.7870,
-50.6117, -6.8589

35.3746, -27.4671,
-7.7600

144.1446,
-53.1559, -6.5227

26.6355, -23.8388,
-7.5834

158.9957,
-55.6611, -6.1464

18.7650, -19.8291,
-7.3235

174.3246,

11.8724, -17.2735,

-58.1330, -5.7322

-6.9842

190.1166,
-60.5765, -5.2815

■ 4.7302, -8.2778,
-10.8120

0.0000, NaN, NaN

■ 77.6755, -39.8773,
-7.7557

■ 77.6755, -39.8773,
-7.7557

■ 77.4652, -40.7125,
-8.0497

■ 78.0576, -38.3824,
-7.2262

■ 77.3858, -41.0267,
-8.1606

■ 78.6303, -36.1485,
-6.4363

■ 79.4119, -33.1288,
-5.3679

■ 80.4144, -29.3035,
-4.0136

■ 81.6455, -24.6767,
-2.3741

■ 83.1093, -19.2726,
-0.4573

■ 84.8066, -13.1320,
1.7232

■ 86.7351, -6.3079,
4.1495

■ 88.8907, 1.1384,
6.8007

Harmonies

Analogous

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



77.6769, -40.3262, 12.8484



77.6755, -39.8773, -7.7557



77.6769, -30.5580, -29.9539

Triad

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



77.6769, -39.8774, -7.7546



77.6769, 28.0887, -27.9307



77.6769, 5.7252, 33.5238

Complementary

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



77.6755, -39.8773, -7.7557



42.2392, 63.4575, 24.3181

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.



77.6769, 26.3406, 27.6428



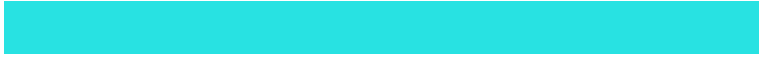
77.6755, -39.8773, -7.7557



77.6769, 40.1666, -5.5094

Square

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



77.6769, -39.8774, -7.7546



77.6769, 7.9097, -43.5938



77.6769, 39.4942, 14.5618



77.6769, -15.5139, 33.2283

Rectangle

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



77.6755, -39.8773, -7.7557



77.6769, -19.9290, -41.0475



77.6769, 39.4942, 14.5618



77.6769, 13.0012, 32.2905

Sweetspot

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



77.6769, -39.8774, -7.7546



94.7886, -23.9692, -1.1879



74.2051, -61.1056, 43.0498



43.5773, -12.1086, -0.9112

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6769, -39.8774, -7.7546



88.7447, -47.0072, -9.3445



48.5615, 1.1163, -57.9074



39.4619, -5.2037, 1.1057



58.4496, -30.9875, -6.1638



15.3884, -8.1583, -1.6228

Inverse Universe

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



42.2392, 63.4575, 24.3181



46.1746, 78.7794, 29.7376



56.8017, 25.4153, 33.3487



37.0143, 1.3280, 3.1180



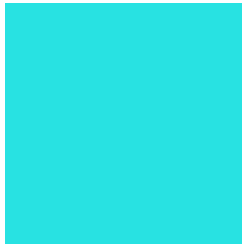
30.3715, 52.0121, 19.6252



7.9961, 13.6936, 5.1668

Previews

White Background



This preview shows how the HunterLab color 77.6755, -39.8773, -7.7557 looks on a white background.

Color Contrast Check

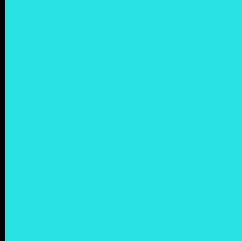
Large Text (above 18pt) WCAG AA × Fail

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 77.6755, -39.8773, -7.7557 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

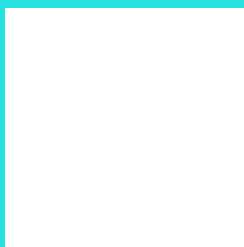
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.6755, -39.8773, -7.7557 Background



This preview shows how black text looks on a background with the HunterLab color 77.6755, -39.8773, -7.7557.



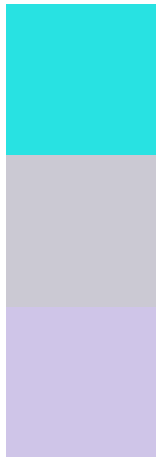
This preview shows how white text looks on a background with the HunterLab color 77.6755,

-39.8773, -7.7557.

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

77.6755, -39.8773, -7.7557

Protanopia

76.9240, -1.7162, -0.1303

Deuteranopia

76.8271, 5.5694, -11.4791



Tritanopia

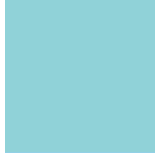
77.8038, -34.6181, -16.6788

Trichromacy



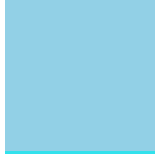
Original Color

77.6755, -39.8773, -7.7557



Protanomaly

75.4853, -21.0936, -4.8830



Deuteranomaly

75.4559, -16.8590, -12.6236



Tritanomaly

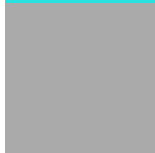
77.8362, -36.7287, -13.1291

Monochromacy



Original Color

77.6755, -39.8773, -7.7557



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

66.8996, -21.3505, -2.3246

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6755, -39.8773, -7.7557 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(40, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(40, 226, 226)  
}
```

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(40, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 226, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6755, -39.8773, -7.7557 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(40, 226, 226) }
```


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

```
.border{ border-color:rgb(40, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(40, 226,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6755, -39.8773, -7.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 226, 226) }
```

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

```
.background{ background-color: rgb(40, 226,  
226) }
```

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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