

Converting Colors

HunterLab(72.8835, -35.3453,
-14.7977)

Have a look what the booklet for
HunterLab(72.8835, -35.3453,
-14.7977) contains.

HunterLab(72.8935, -35.3440, -14.8129)	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(72.8935,
-35.3440, -14.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	00D5E3
RGB	0, 213, 227
RGB Percent	0%, 84%, 89%
CMY	0.9998, 0.1647, 0.1098
CMYK	1.00, 0.06, 0.00, 0.11
HSL	184°, 100%, 45%
HSV	184°, 100%, 89%
XYZ	37.6594, 53.1346, 80.9443
YIQ	150.9090, -131.4420, -40.8020

Conversions

Conversions Part 2

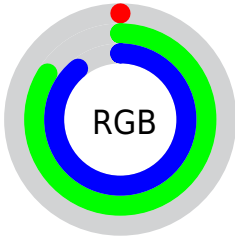
Format	Color
RYB	0, 110, 227
Decimal	54755
CIELab	77.96, -37.74, -19.19
CIELCh	78, 42.334, 206.950
Yxy	53.1366, 0.2193, 0.3094
Android (android.graphics.Color)	4278244835 (0xFF00D5E3)
YUV	150.9090, 37.5129, -132.3472
Hunter-Lab	72.8935, -35.3440, -14.8129

Details

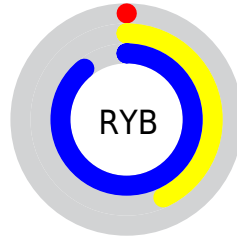
The HunterLab color **72.8935, -35.3440, -14.8129** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **40.8007, 67.8844, 26.3271**, and the grayscale version is **55.4924, -2.9609, 3.0150**.

A 20% lighter version of the original color is **90.6198, -39.6786, -6.7543**, and **52.3758, -24.6101, -12.3392** is the 20% darker color. If you saturate the color by 10%, you get **72.8933, -35.3434, -14.8140**, and if you desaturate by 10%, it is **73.5003, -35.4612, -13.9538**.

Distribution



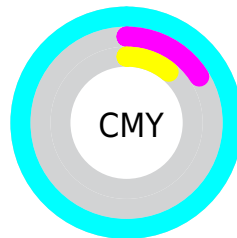
- Red (0%)
- Green (84%)
- Blue (89%)



- Red (0%)
- Yellow (43%)
- Blue (89%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.8935, -35.3440, -14.8129 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 72.8935, -35.3440, -14.8129 by changing the saturation by 10% instead.

72.8935, -35.3440,
-14.8129

72.8935, -35.3440,
-14.8129

199.7020,
-56.7753, -13.9705

61.5726, -32.6796,
-14.6423

97.3680, -40.4244,
-14.9717

50.9060, -29.9036,
-14.4082

110.4618,
-42.8708, -14.9690

40.9384, -26.9836,
-14.1069

124.0950,
-45.2692, -14.9153

31.7225, -23.8720,
-13.7376

138.2470,
-47.6275, -14.8135

23.3256, -20.4953,
-13.3071

152.8995,
-49.9524, -14.6659

15.8372, -16.7312,
-12.8443

168.0360,

9.3847, -16.4233,

-52.2491, -14.4749

-12.4619

183.6413,
-54.5222, -14.2425

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 72.8935, -35.3440,
-14.8129

■ 72.8935, -35.3440,
-14.8129

■ 72.8933, -35.3434,
-14.8140

■ 73.5003, -35.4612,
-13.9538

■ 74.2466, -35.0315,
-12.8971

■ 75.1742, -33.9022,
-11.5897

■ 76.3019, -32.0121,
-10.0146

■ 77.6420, -29.3323,

-8.1673

■ 79.2016, -25.8605,
-6.0526

■ 80.9840, -21.6158,
-3.6826

■ 82.9889, -16.6339,
-1.0747

■ 85.2132, -10.9629,
1.7505

Harmonies

Analogous

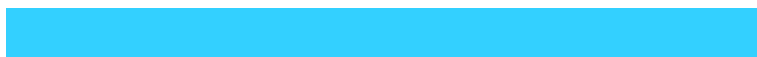
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8948, -38.7203, 5.9035



72.8935, -35.3440, -14.8129



72.8948, -23.8619, -34.2253

Triad

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



72.8948, -35.3439, -14.8118



72.8948, 31.5468, -19.1568



72.8948, -1.8185, 32.0316

Complementary

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



72.8935, -35.3440, -14.8129



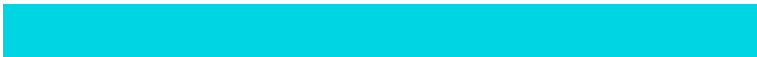
40.8007, 67.8844, 26.3271

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.



72.8948, 18.4868, 28.6130



72.8935, -35.3440, -14.8129



72.8948, 39.0190, 1.9776

Square

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



72.8948, -35.3439, -14.8118



72.8948, 14.5301, -37.1756



72.8948, 34.0001, 18.7866



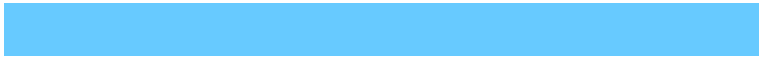
72.8948, -20.6513, 29.7889

Rectangle

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



72.8935, -35.3440, -14.8129



72.8948, -12.4455, -41.9000



72.8948, 34.0001, 18.7866



72.8948, 5.0722, 31.5355

Sweetspot

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



72.8948, -35.3439, -14.8118



92.3528, -24.7784, -4.2641



74.1381, -63.4511, 44.3095



42.3141, -12.4595, -2.5184

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.8948, -35.3439, -14.8118



83.1334, -40.2821, -16.9522



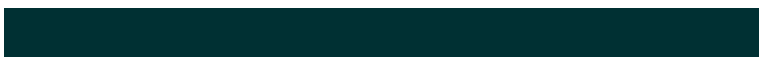
38.8400, 17.6749, -86.6961



40.2195, -5.0220, 0.8958



55.7240, -27.0614, -11.2324



15.3004, -7.5431, -2.8406

Inverse Universe

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



45.9747, 89.1752, -51.2949



52.4481, 101.7313, -58.4522



55.6486, 27.7047, 34.7736



38.2087, 2.9987, -1.1261



35.1175, 68.1360, -39.2933



9.5708, 18.6074, -11.0019

Previews

White Background



This preview shows how the HunterLab color 72.8935, -35.3440, -14.8129 looks on a white background.

Color Contrast Check

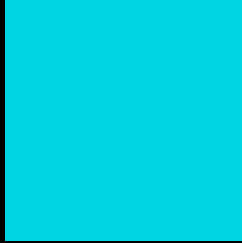
Large Text (above 18pt) WCAG AA × Fail

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 72.8935, -35.3440, -14.8129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

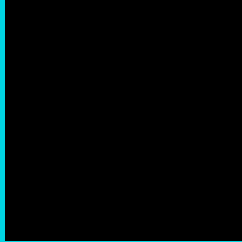
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

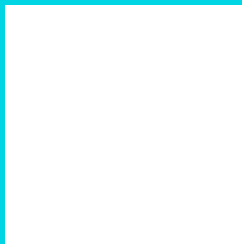
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.8935, -35.3440, -14.8129 Background



This preview shows how black text looks on a background with the HunterLab color 72.8935, -35.3440, -14.8129.



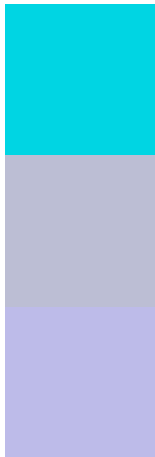
This preview shows how white text looks on a background with the HunterLab color 72.8935,

-35.3440, -14.8129.

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

72.8935, -35.3440, -14.8129

Protanopia

72.2992, -0.5201, -6.5383

Deuteranopia

72.2791, 5.5474, -18.6019



Tritanopia

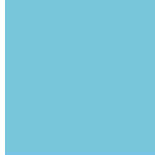
73.1027, -34.2984, -16.2725

Trichromacy



Original Color

72.8935, -35.3440, -14.8129



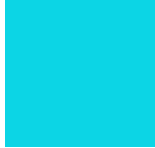
Protanomaly

70.2787, -20.2133, -12.4298



Deuteranomaly

70.1730, -16.1970, -20.9198



Tritanomaly

73.0232, -34.6853, -15.7984

Monochromacy



Original Color

72.8935, -35.3440, -14.8129



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

60.0113, -21.4481, -5.5320

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.8935, -35.3440, -14.8129 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, 213, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 227)  
}
```

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, 213, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 72.8935, -35.3440, -14.8129 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, 213, 227) }
```


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

```
.border{ border-color:rgb(0, 213, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 213, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.8935, -35.3440, -14.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 227) }
```

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

```
.background{ background-color: rgb(0, 213,  
227) }
```

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