

Converting Colors

HunterLab(76.1308, -37.6031,
0.3363)

Have a look what the booklet for
HunterLab(76.1308, -37.6031,
0.3363) contains.

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Color

**HunterLab(76.2556,
-37.7895, 0.4288)**

Conversions

Conversions Part 1

Format	Color
Hex	55DDCF
RGB	85, 221, 207
RGB Percent	33%, 87%, 81%
CMY	0.6666, 0.1333, 0.1882
CMYK	0.62, 0.00, 0.06, 0.13
HSL	174°, 67%, 60%
HSV	174°, 62%, 87%
XYZ	40.8652, 58.1492, 68.1016
YIQ	178.7400, -76.5620, -33.1860

Conversions

Conversions Part 2

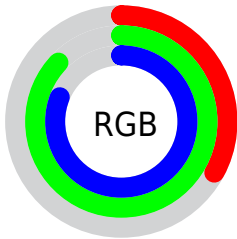
Format	Color
RYB	85, 157, 221
Decimal	5627343
CIELab	80.82, -39.96, -4.10
CIELCh	81, 40.168, 185.865
Yxy	58.1514, 0.2445, 0.3480
Android (android.graphics.Color)	4283817423 (0xFF55DDCF)
YUV	178.7400, 13.9322, -82.2100
Hunter-Lab	76.2556, -37.7895, 0.4288

Details

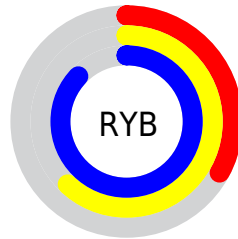
The HunterLab color **76.2556, -37.7895, 0.4288** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **47.7197, 48.6135, 15.5867**, and the grayscale version is **67.0004, -3.5750, 3.6403**.

A 20% lighter version of the original color is **92.2149, -33.5762, -4.5939**, and **54.0464, -31.1529, -0.3031** is the 20% darker color. If you saturate the color by 10%, you get **75.6062, -40.5003, 0.7217**, and if you desaturate by 10%, it is **77.1131, -34.3093, 0.3982**.

Distribution



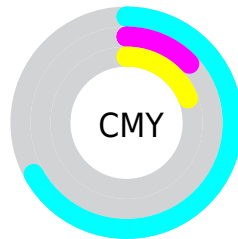
- Red (33%)
- Green (87%)
- Blue (81%)



- Red (33%)
- Yellow (62%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)





- Cyan (67%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.2556, -37.7895, 0.4288 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 76.2556, -37.7895, 0.4288 by changing the saturation by 10% instead.


 76.2556, -37.7895,
0.4288


 76.2556, -37.7895,
0.4288


204.3893,
-60.0176, 6.0171


 64.7537, -35.0251,
-0.0089


 101.0660,
-43.0640, 1.4309

 53.8951, -32.1464,
-0.4020


 114.3167,
-45.6034, 1.9883

 43.7221, -29.1225,
-0.7454


 128.1006,
-48.0921, 2.5809

 34.2845, -25.9078,
-1.0337

 142.3979,
-50.5386, 3.2068

 25.6449, -22.4333,
-1.2597

157.1908,
-52.9493, 3.8646

 17.8850, -18.5872,
-1.4136

172.4632,

 11.1191, -16.8358,

-55.3298, 4.5531

-1.4806

188.2005,
-57.6847, 5.2709

■ 3.0183, -5.2820,
-5.4724

0.0000, NaN, NaN

■ 76.2556, -37.7895,
0.4288

■ 76.2556, -37.7895,
0.4288

■ 75.6062, -40.5003,
0.7217

■ 77.1131, -34.3093,
0.3982

■ 75.1451, -42.4779,
1.2518


■ 78.1850, -30.0473,
0.6411


■ 74.8523, -43.7924,
1.9889


■ 79.4794, -25.0157,
1.1649


■ 74.7017, -44.5166,
2.7279


■ 80.9992, -19.2453,
1.9694

 82.7444, -12.7816,
3.0486

 84.7124, -5.6807,
4.3913

 86.8982, 1.9948,
5.9830

 88.5563, 7.7229,
6.9126

 88.6269, 8.0999,
5.9035

Harmonies

Analogous

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



76.2571, -35.2575, 17.2988



76.2556, -37.7895, 0.4288



76.2571, -32.0472, -19.7420

Triad

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



76.2571, -37.7899, 0.4298



76.2571, 19.0708, -30.6290



76.2571, 11.8111, 29.9810

Complementary

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



76.2556, -37.7895, 0.4288



47.7197, 48.6135, 15.5867

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.



76.2571, 28.6240, 22.1737



76.2556, -37.7895, 0.4288



76.2571, 33.1004, -11.8564

Square

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



76.2571, -37.7899, 0.4298



76.2571, -0.2182, -40.3365



76.2571, 36.7600, 7.6934



76.2571, -7.8526, 31.7151

Rectangle

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



76.2556, -37.7895, 0.4288



76.2571, -23.9240, -31.5105



76.2571, 36.7600, 7.6934



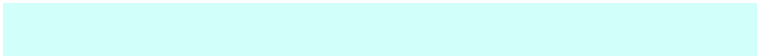
76.2571, 18.0425, 28.0957

Sweetspot

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



76.2571, -37.7899, 0.4298



95.9215, -20.1423, 2.7109



74.2496, -50.9640, 37.9963



44.1102, -10.3175, 1.0952

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.2571, -37.7899, 0.4298



88.7243, -48.4277, 1.0110



59.5653, -11.4536, -31.5896



38.4776, -5.2462, 1.5319



56.9436, -33.8768, 1.9557



14.5172, -8.4816, 0.1640

Inverse Universe

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



47.7197, 48.6135, 15.5867



50.8518, 68.5279, 22.3362



58.2747, 21.8448, 27.5457



36.1569, 1.4484, 2.6120



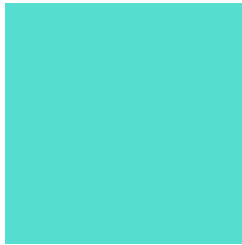
29.9551, 51.4433, 18.2386



7.6738, 13.2766, 3.9125

Previews

White Background



This preview shows how the HunterLab color 76.2556, -37.7895, 0.4288 looks on a white background.

Color Contrast Check

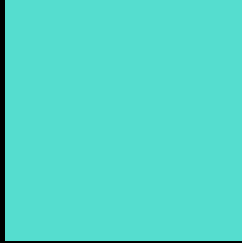
Large Text (above 18pt) WCAG AA × Fail

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 76.2556, -37.7895, 0.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

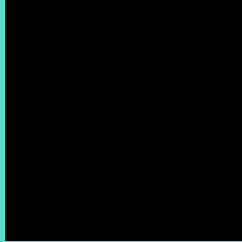
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

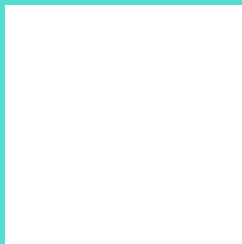
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.2556, -37.7895, 0.4288 Background



This preview shows how black text looks on a background with the HunterLab color 76.2556, -37.7895, 0.4288.



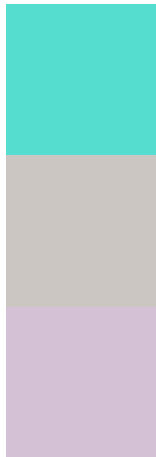
This preview shows how white text looks on a background with the HunterLab color 76.2556,

-37.7895, 0.4288.

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

76.2556, -37.7895, 0.4288

Protanopia

75.5782, -2.7563, 6.4833

Deuteranopia

75.4593, 5.6938, -2.8644



Tritanopia

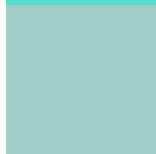
76.2283, -28.9764, -14.0807

Trichromacy



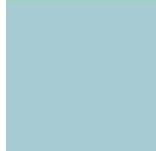
Original Color

76.2556, -37.7895, 0.4288



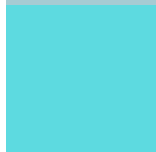
Protanomaly

74.7283, -18.3214, 2.8564



Deuteranomaly

74.5131, -13.3999, -3.3573



Tritanomaly

76.0604, -32.0981, -8.6659

Monochromacy



Original Color

76.2556, -37.7895, 0.4288



Achromatopsia

67.1406, -3.5825, 3.6479



Achromatomaly

69.4820, -18.4370, 1.4096

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.2556, -37.7895, 0.4288 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(85, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(85, 221, 207)  
}
```

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(85, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 221, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 76.2556, -37.7895, 0.4288 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(85, 221, 207) }
```


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

```
.border{ border-color:rgb(85, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(85, 221,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.2556, -37.7895, 0.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 221, 207) }
```

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

```
.background{ background-color: rgb(85, 221,  
207) }
```

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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