

# Converting Colors

HunterLab(73.0690, -37.0879,  
4.1691)

Have a look what the booklet for  
HunterLab(73.0690, -37.0879,  
4.1691) contains.

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# Color

**HunterLab(73.0591,  
-37.1396, 4.3678)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57D5BF
RGB	87, 213, 191
RGB Percent	34%, 84%, 75%
CMY	0.6588, 0.1647, 0.2510
CMYK	0.59, 0.00, 0.10, 0.16
HSL	170°, 60%, 59%
HSV	170°, 59%, 84%
XYZ	37.1287, 53.3763, 57.6359
YIQ	172.8180, -68.0340, -33.5540

# Conversions

## Conversions Part 2

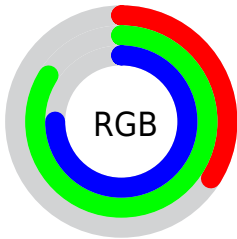
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 156, 213
Decimal	5756351
CIELab	78.10, -40.08, 0.45
CIELCh	78, 40.086, 179.356
Yxy	53.3784, 0.2506, 0.3603
Android (android.graphics.Color)	4283946431 (0xFF57D5BF)
YUV	172.8180, 8.9637, -75.2624
Hunter-Lab	73.0591, -37.1396, 4.3678

# Details

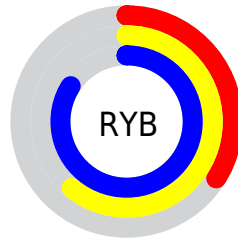
The HunterLab color **73.0591, -37.1396, 4.3678** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **46.9767, 45.5038, 11.4807**, and the grayscale version is **64.5543, -3.4445, 3.5074**.

A 20% lighter version of the original color is **91.9409, -35.1649, -0.7079**, and **51.2725, -31.1896, 3.2432** is the 20% darker color. If you saturate the color by 10%, you get **72.3452, -40.1931, 5.2155**, and if you desaturate by 10%, it is **73.9764, -33.3385, 3.7529**.

# Distribution



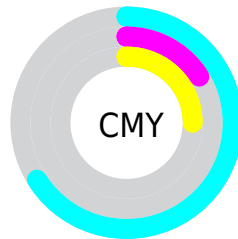
- Red (34%)
- Green (84%)
- Blue (75%)



- Red (34%)
- Yellow (61%)
- Blue (84%)



- Cyan (59%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)




- Cyan (66%)
- Magenta (16%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.0591, -37.1396, 4.3678 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 73.0591, -37.1396, 4.3678 by changing the saturation by 10% instead.





 73.0591, -37.1396,  
4.3678


 73.0591, -37.1396,  
4.3678


199.9338,  
-59.5295, 11.4317


 61.7292, -34.3394,  
3.7304


 97.5505, -42.4693,  
5.7416

 51.0531, -31.4168,  
3.1264


 110.6521,  
-45.0302, 6.4734

 41.0751, -28.3375,  
2.5588


 124.2928,  
-47.5378, 7.2337

 31.8481, -25.0505,  
2.0301

 138.4521,  
-50.0008, 8.0216

 23.4390, -21.4776,  
1.5432

153.1116,  
-52.4261, 8.8362

 15.9369, -17.4887,  
1.1022

168.2548,

 9.4685, -16.5699,

-54.8195, 9.6766

0.7129

183.8668,  
-57.1860, 10.5420

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.0591, -37.1396,  
4.3678

■ 73.0591, -37.1396,  
4.3678

■ 72.3452, -40.1931,  
5.2155

■ 73.9764, -33.3385,  
3.7529

■ 71.8172, -42.5230,  
6.2698

■ 75.1016, -28.7876,  
3.3847

■ 71.4581, -44.1846,  
7.5009

■ 76.4411, -23.5075,  
3.2741

■ 71.2330, -45.3061,  
8.8592


■ 77.9966, -17.5354,  
3.4247

■ 71.2161, -45.3923,


■ 79.7669, -10.9208,


8.9751

3.8348

 81.7487, -3.7219,  
4.4977

 83.9364, 3.9988,  
5.4030

 86.0568, 11.3009,  
6.2127

 86.1731, 11.9158,  
4.5536

# Harmonies

## Analogous

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



73.0605, -32.9098, 19.6468



73.0591, -37.1396, 4.3678



73.0605, -33.2552, -15.3225

# Triad

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



73.0605, -37.1401, 4.3687



73.0605, 15.0022, -33.5288



73.0605, 15.7901, 28.1150

# Complementary

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



73.0591, -37.1396, 4.3678



46.9767, 45.5038, 11.4807

# 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.



73.0605, 30.9695, 19.1241



73.0591, -37.1396, 4.3678



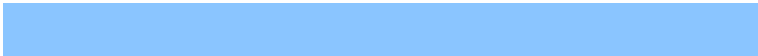
73.0605, 30.4828, -16.1816

# Square

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



73.0605, -37.1401, 4.3687



73.0605, -4.3148, -40.3313



73.0605, 36.5995, 3.5829



73.0605, -3.4888, 31.0103



# Rectangle

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



73.0591, -37.1396, 4.3678



73.0605, -26.3332, -27.8353



73.0605, 36.5995, 3.5829



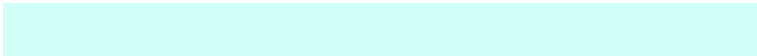
73.0605, 21.6109, 25.8421

# Sweetspot

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



73.0605, -37.1401, 4.3687



95.8146, -20.7448, 4.2332



71.8333, -46.2924, 36.0097



44.0527, -10.6429, 1.9138

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.0605, -37.1401, 4.3687



88.4999, -50.0914, 6.7037



60.6282, -15.1092, -24.4693



37.5085, -5.2266, 1.7976



55.6711, -35.4028, 6.8405



13.7089, -8.4733, 1.1564



# Inverse Universe

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



46.9767, 45.5038, 11.4807



52.1368, 67.1553, 17.9301



54.7622, 23.9193, 24.3994



35.2929, 1.5136, 2.2532



29.5533, 50.9253, 16.6602

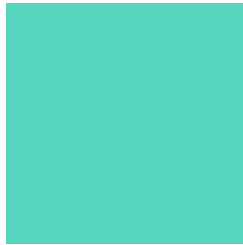


7.3333, 12.7848, 2.9851



# Previews

## White Background



This preview shows how the HunterLab color 73.0591, -37.1396, 4.3678 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 73.0591, -37.1396, 4.3678 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

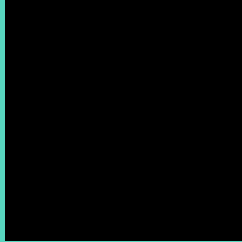
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

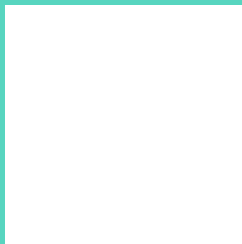
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.0591, -37.1396, 4.3678 Background



This preview shows how black text looks on a background with the HunterLab color 73.0591, -37.1396, 4.3678.



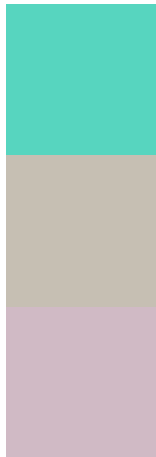
This preview shows how white text looks on a background with the HunterLab color 73.0591, -37.1396, 4.3678.

-37.1396, 4.3678.

# 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

73.0591, -37.1396, 4.3678

### Protanopia

72.4721, -3.5369, 9.7045

### Deuteranopia

72.4975, 5.2223, 1.5640



## Tritanopia

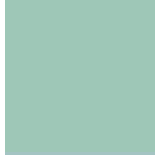
72.9776, -26.4433, -13.3680

# Trichromacy



## Original Color

73.0591, -37.1396, 4.3678



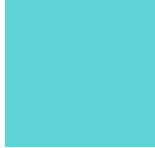
## Protanomaly

71.7878, -18.5322, 6.9104



## Deuteranomaly

71.6327, -13.4718, 1.1703



## Tritanomaly

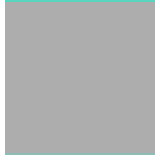
73.0275, -30.5739, -6.6449

# Monochromacy



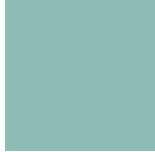
## Original Color

73.0591, -37.1396, 4.3678



## Achromatopsia

64.6440, -3.4492, 3.5122



## Achromatomaly

67.0914, -17.9671, 2.8678

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.0591, -37.1396, 4.3678 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(87, 213, 191)` looks like.

```
.text, #text, p{  
    color:rgb(87, 213, 191)  
}
```

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(87, 213, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 213, 191) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.0591, -37.1396, 4.3678 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(87, 213, 191) }
```



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

```
.border{ border-color:rgb(87, 213, 191) }
```

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

Here you see how a box with a 4 pixel rgb(87, 213, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 213, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 213, 191);  
box-shadow:4px 4px 4px 4px rgb(87, 213,  
191) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.0591, -37.1396, 4.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 213, 191) }
```

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

```
.background{ background-color: rgb(87, 213,  
191) }
```

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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