

# Converting Colors

HunterLab(73.1759, -34.8147,  
1.8258)

Have a look what the booklet for  
HunterLab(73.1759, -34.8147,  
1.8258) contains.

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# Color

**HunterLab(73.1422,  
-34.6819, 1.6435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ED4C5
RGB	94, 212, 197
RGB Percent	37%, 83%, 77%
CMY	0.6314, 0.1686, 0.2274
CMYK	0.56, 0.00, 0.07, 0.17
HSL	172°, 58%, 60%
HSV	172°, 56%, 83%
XYZ	38.2376, 53.4978, 61.1340
YIQ	175.0080, -65.5130, -29.6810

# Conversions

## Conversions Part 2

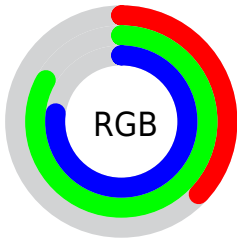
Format	Color
<a href="#">RYB</a>	<a href="#">94, 157, 212</a>
Decimal	<a href="#">6214853</a>
CIELab	<a href="#">78.17, -36.79, -2.64</a>
CIELCh	<a href="#">78, 36.883, 184.098</a>
Yxy	<a href="#">53.4999, 0.2501, 0.3500</a>
Android (android.graphics.Color)	<a href="#">4284404933 (0xFF5ED4C5)</a>
YUV	<a href="#">175.0080, 10.8421, -71.0440</a>
Hunter-Lab	<a href="#">73.1422, -34.6819, 1.6435</a>

# Details

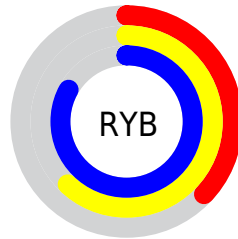
The HunterLab color **73.1422, -34.6819, 1.6435** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **48.0709, 41.8158, 12.5061**, and the grayscale version is **65.4552, -3.4925, 3.5563**.

A 20% lighter version of the original color is **92.4910, -32.6013, -3.6855**, and **51.1930, -29.5152, 0.9314** is the 20% darker color. If you saturate the color by 10%, you get **72.3922, -37.7986, 1.9968**, and if you desaturate by 10%, it is **74.0968, -30.8242, 1.5429**.

# Distribution



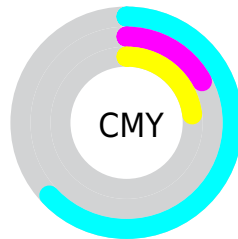
- Red (37%)
- Green (83%)
- Blue (77%)



- Red (37%)
- Yellow (62%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)




- Cyan (63%)
- Magenta (17%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.1422, -34.6819, 1.6435 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 73.1422, -34.6819, 1.6435 by changing the saturation by 10% instead.





 73.1422, -34.6819,  
1.6435


 73.1422, -34.6819,  
1.6435


200.0500,  
-55.7184, 7.6468


 61.8078, -32.0755,  
1.1507


 97.6420, -39.6592,  
2.7490

 51.1268, -29.3619,  
0.6999


 110.7475,  
-42.0580, 3.3552

 41.1437, -26.5102,  
0.2958


 124.3920,  
-44.4113, 3.9949

 31.9111, -23.4750,  
-0.0567

 138.5549,  
-46.7265, 4.6665

 23.4959, -20.1856,  
-0.3510

153.2179,  
-49.0102, 5.3686

 15.9869, -16.5246,  
-0.5778

168.3645,

 9.5106, -16.6435,

-51.2673, 6.1001

-0.7225

183.9798,  
-53.5022, 6.8598

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.1422, -34.6819,  
1.6435

■ 73.1422, -34.6819,  
1.6435

■ 72.3922, -37.7986,  
1.9968

■ 74.0968, -30.8242,  
1.5429

■ 71.8309, -40.1913,  
2.5821

■ 75.2594, -26.2282,  
1.7028

■ 71.4432, -41.9064,  
3.3749

■ 76.6354, -20.9183,  
2.1284

■ 71.2058, -43.0234,  
4.3407

■ 78.2257, -14.9334,  
2.8176

■ 71.1292, -43.4020,

■ 80.0287, -8.3243,

4.7873

3.7636

■ 82.0404, -1.1490,  
4.9552

■ 84.2550, 6.5309,  
6.3783

■ 85.6973, 11.4831,  
6.8486

■ 85.7805, 11.9233,  
5.6594

# Harmonies

## Analogous

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



73.1436, -31.9168, 16.6899



73.1422, -34.6819, 1.6435



73.1436, -29.8641, -16.4535

# Triad

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



73.1436, -34.6824, 1.6444



73.1436, 16.0399, -27.9930



73.1436, 11.4650, 27.4160

# Complementary

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



73.1422, -34.6819, 1.6435



48.0709, 41.8158, 12.5061

# 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.



73.1436, 26.2663, 19.8216



73.1422, -34.6819, 1.6435



73.1436, 29.0779, -11.5170

# Square

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



73.1436, -34.6824, 1.6444



73.1436, -1.4737, -35.9380



73.1436, 32.9853, 6.2437



73.1436, -6.3082, 29.3553



# Rectangle

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



73.1422, -34.6819, 1.6435



73.1436, -22.7054, -27.1752



73.1436, 32.9853, 6.2437



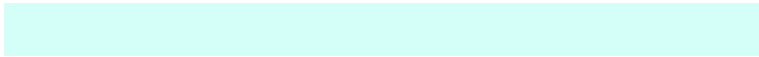
73.1436, 17.0060, 25.5453

# Sweetspot

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



73.1436, -34.6824, 1.6444



96.0912, -19.5771, 3.3226



71.5508, -45.4753, 34.5172



44.2660, -9.7687, 1.4500

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.1436, -34.6824, 1.6444



89.0567, -47.2590, 2.5862



59.5078, -12.2314, -25.6073



37.5226, -5.1486, 1.5977



55.8956, -34.0451, 3.6290



13.7558, -8.1907, 0.4879



# Inverse Universe

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



48.0709, 41.8158, 12.5061



53.5368, 63.0719, 19.0311



57.2488, 18.7876, 24.6369



35.2792, 1.4403, 2.4476



29.4923, 50.6992, 17.5628

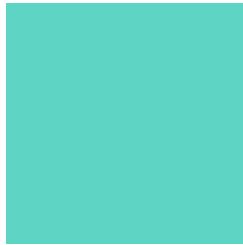


7.3025, 12.6712, 3.4366



# Previews

## White Background



This preview shows how the HunterLab color 73.1422, -34.6819, 1.6435 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 73.1422, -34.6819, 1.6435 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

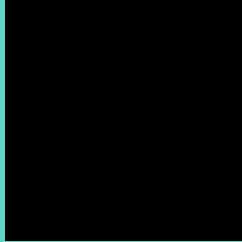
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

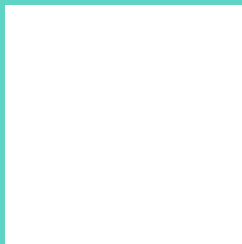
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.1422, -34.6819, 1.6435 Background



This preview shows how black text looks on a background with the HunterLab color 73.1422, -34.6819, 1.6435.



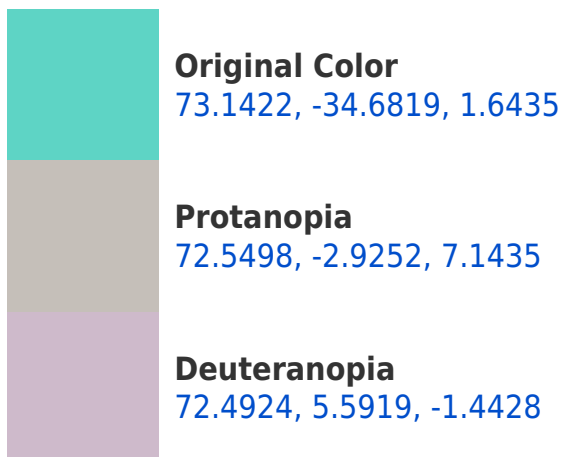
This preview shows how white text looks on a background with the HunterLab color 73.1422, -34.6819, 1.6435.

-34.6819, 1.6435.

# 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





## Tritanopia

73.1376, -25.8382, -13.1323

# Trichromacy



## Original Color

73.1422, -34.6819, 1.6435



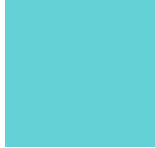
## Protanomaly

72.1072, -17.0044, 4.5481



## Deuteranomaly

71.5867, -11.6370, -1.8587



## Tritanomaly

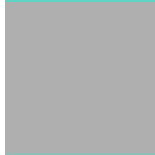
72.9497, -28.9990, -7.8082

# Monochromacy



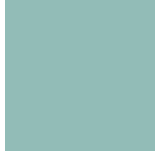
## Original Color

73.1422, -34.6819, 1.6435



## Achromatopsia

65.4745, -3.4936, 3.5574



## Achromatomaly

67.4510, -16.4597, 1.8954

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.1422, -34.6819, 1.6435 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(94, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(94, 212, 197)  
}
```

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(94, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 212, 197) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.1422, -34.6819, 1.6435 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(94, 212, 197) }
```



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

```
.border{ border-color:rgb(94, 212, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 212, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(94, 212,  
197) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.1422, -34.6819, 1.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 212, 197) }
```

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

```
.background{ background-color: rgb(94, 212,  
197) }
```

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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