

Converting Colors

HunterLab(64.5405, -34.8576,
2.3726)

Have a look what the booklet for
HunterLab(64.5405, -34.8576,
2.3726) contains.

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Color

**HunterLab(64.5405,
-34.8576, 2.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	3AC0AE
RGB	58, 192, 174
RGB Percent	23%, 75%, 68%
CMY	0.7725, 0.2470, 0.3176
CMYK	0.70, 0.00, 0.09, 0.25
HSL	172°, 54%, 49%
HSV	172°, 70%, 75%
XYZ	28.2345, 41.6548, 46.5965
YIQ	149.8820, -74.0860, -34.0060

Conversions

Conversions Part 2

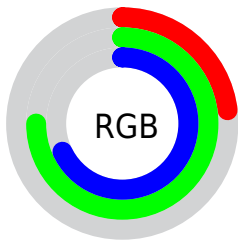
Format	Color
RYB	58, 130, 192
Decimal	3850414
CIELab	70.63, -39.80, -1.35
CIElCh	71, 39.819, 181.943
Yxy	41.6564, 0.2424, 0.3576
Android (android.graphics.Color)	4282040494 (0xFF3AC0AE)
YUV	149.8820, 11.8902, -80.5805
Hunter-Lab	64.5405, -34.8576, 2.3726

Details

The HunterLab color **64.5405, -34.8576, 2.3726** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **38.4129, 46.8915, 13.9350**, and the grayscale version is **55.1544, -2.9429, 2.9966**.

A 20% lighter version of the original color is **88.1019, -40.3401, 3.6953**, and **44.2517, -26.6098, 2.1323** is the 20% darker color. If you saturate the color by 10%, you get **64.0972, -36.7829, 3.0185**, and if you desaturate by 10%, it is **65.1495, -32.3048, 1.9244**.

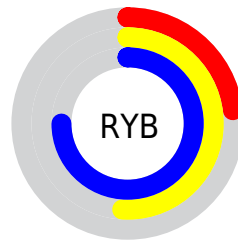
Distribution



Red (23%)

Green (75%)

Blue (68%)



Red (23%)

Yellow (51%)

Blue (75%)

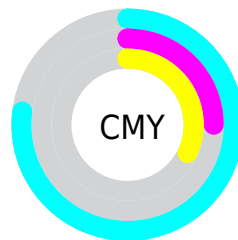


Cyan (70%)

Magenta (0%)

Yellow (9%)

Black (25%)



Cyan (77%)


Magenta (25%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.5405, -34.8576, 2.3726 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 64.5405, -34.8576, 2.3726 by changing the saturation by 10% instead.


 64.5405, -34.8576,
2.3726

 64.5405, -34.8576,
2.3726


187.8980,
-57.4575, 8.6078


 53.6957, -31.9870,
1.8495


 88.1358, -40.2821,
3.5351

 43.5362, -28.9709,
1.3675


 100.8201,
-42.8752, 4.1685


 34.1131, -25.7640,
0.9309


 114.0605,
-45.4077, 4.8345

 25.4893, -22.2972,
0.5447

 127.8345,
-47.8898, 5.5317

 17.7471, -18.4578,
0.2157

 142.1223,
-50.3298, 6.2587

 11.0015, -16.8613,
-0.0460

156.9059,

 2.6479, -4.6339,

-52.7343, 7.0144

-1.9688

172.1694,
-55.1087, 7.7977

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5405, -34.8576,
2.3726

■ 64.5405, -34.8576,
2.3726

■ 64.0972, -36.7829,
3.0185

■ 65.1495, -32.3048,
1.9244

■ 63.7996, -38.1295,
3.8345

■ 65.9323, -29.0992,
1.6899

■ 63.6129, -39.0323,
4.7718


■ 66.8980, -25.2379,
1.6823


■ 63.6093, -39.0501,
4.7918

■ 68.0512, -20.7360,
1.9076


■ 69.3937, -15.6233,

2.3667

 70.9249, -9.9410,
3.0555

 72.6421, -3.7381,
3.9661

 74.5408, 2.9322,
5.0875

 76.6152, 10.0149,
6.4064

Harmonies

Analogous

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



64.5417, -31.5421, 17.3035



64.5405, -34.8576, 2.3726



64.5417, -30.5638, -16.7201

Triad

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



64.5417, -34.8579, 2.3734



64.5417, 16.1509, -31.6425



64.5417, 13.8692, 26.5440

Complementary

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



64.5405, -34.8576, 2.3726



38.4129, 46.8915, 13.9350

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.



64.5417, 29.0487, 18.7734



64.5405, -34.8576, 2.3726



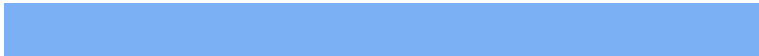
64.5417, 30.4654, -14.2076

Square

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



64.5417, -34.8579, 2.3734



64.5417, -2.2555, -39.4511



64.5417, 35.4255, 4.6326



64.5417, -4.6304, 28.7315

Rectangle

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



64.5405, -34.8576, 2.3726



64.5417, -23.6527, -28.6175



64.5417, 35.4255, 4.6326



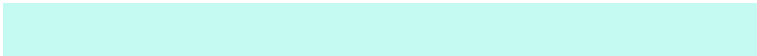
64.5417, 19.5972, 24.6289

Sweetspot

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



64.5417, -34.8579, 2.3734



93.1119, -22.1466, 3.0696



62.9526, -45.6185, 34.2216



42.8877, -11.1660, 1.3338



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



64.5417, -34.8579, 2.3734



86.0335, -50.6096, 4.6477



49.9882, -11.0587, -28.5419



33.7704, -4.6111, 1.4694



52.1859, -31.9838, 3.8160



10.8778, -6.4655, 0.3607

Inverse Universe

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



38.4129, 46.8915, 13.9350



47.1610, 73.3903, 23.4327



46.4717, 24.4752, 23.9560



31.7796, 1.2675, 2.1718



27.5628, 47.4065, 16.2263



5.7929, 10.0889, 2.4373

Previews

White Background



This preview shows how the HunterLab color 64.5405, -34.8576, 2.3726 looks on a white background.

Color Contrast Check

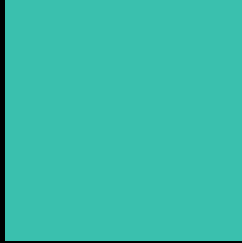
Large Text (above 18pt) WCAG AA × Fail

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 64.5405, -34.8576, 2.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

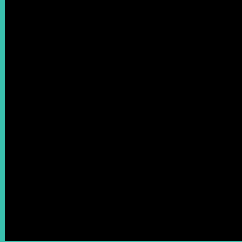
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

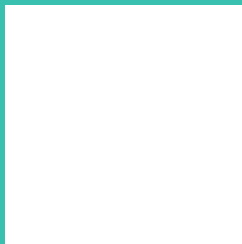
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.5405, -34.8576, 2.3726 Background



This preview shows how black text looks on a background with the HunterLab color 64.5405, -34.8576, 2.3726.



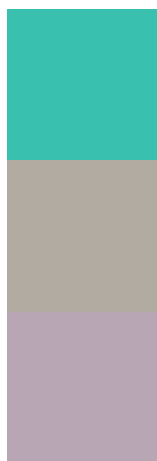
This preview shows how white text looks on a background with the HunterLab color 64.5405,

-34.8576, 2.3726.

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

64.5405, -34.8576, 2.3726

Protanopia

64.0949, -2.9523, 7.8234

Deuteranopia

63.8420, 4.7048, -0.6797



Tritanopia

64.5714, -25.8934, -12.5434

Trichromacy



Original Color

64.5405, -34.8576, 2.3726



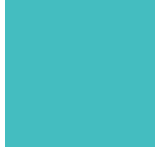
Protanomaly

63.2943, -18.1664, 4.8896



Deuteranomaly

62.6718, -13.2734, -1.4610



Tritanomaly

64.3661, -29.1786, -6.7851

Monochromacy



Original Color

64.5405, -34.8576, 2.3726



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

57.6154, -17.0249, 1.4501

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5405, -34.8576, 2.3726 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(58, 192, 174)` looks like.

```
.text, #text, p{  
    color:rgb(58, 192, 174)  
}
```

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(58, 192, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 192, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5405, -34.8576, 2.3726 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(58, 192, 174) }
```


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

```
.border{ border-color:rgb(58, 192, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 192, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 192, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 192, 174);  
box-shadow:4px 4px 4px 4px rgb(58, 192,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5405, -34.8576, 2.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 192, 174) }
```

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

```
.background{ background-color: rgb(58, 192,  
174) }
```

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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