

Converting Colors

HunterLab(70.1465, -30.6188,
-15.5803)

Have a look what the booklet for
HunterLab(70.1465, -30.6188,
-15.5803) contains.

HunterLab(70.1545, -30.5469, -15.7108)	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(70.1545,
-30.5469, -15.7108)**

Conversions

Conversions Part 1

Format	Color
Hex	35CCDE
RGB	53, 204, 222
RGB Percent	21%, 80%, 87%
CMY	0.7921, 0.2000, 0.1294
CMYK	0.76, 0.08, 0.00, 0.13
HSL	186°, 72%, 54%
HSV	186°, 76%, 87%
XYZ	36.2459, 49.2165, 76.6966
YIQ	160.9030, -95.7740, -26.4140

Conversions

Conversions Part 2

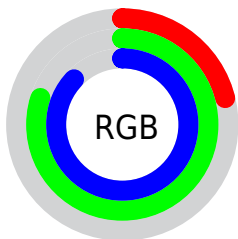
Format	Color
R_{YB}	53, 133, 222
Decimal	3525854
CIE _{Lab}	75.59, -32.18, -20.04
CIE _{LCh}	76, 37.913, 211.917
Yxy	49.2183, 0.2235, 0.3035
Android (android.graphics.Color)	4281715934 (0xFF35CCDE)
YUV	160.9030, 30.1208, -94.6309
Hunter-Lab	70.1545, -30.5469, -15.7108

Details

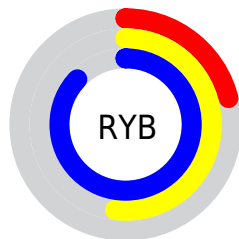
The HunterLab color **70.1545, -30.5469, -15.7108** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **45.0499, 52.0028, 24.2350**, and the grayscale version is **59.5707, -3.1785, 3.2366**.

A 20% lighter version of the original color is **91.2007, -37.4427, -5.9630**, and **49.2797, -22.0455, -14.0056** is the 20% darker color. If you saturate the color by 10%, you get **69.0174, -30.8281, -17.3795**, and if you desaturate by 10%, it is **71.4830, -29.5482, -13.7900**.

Distribution



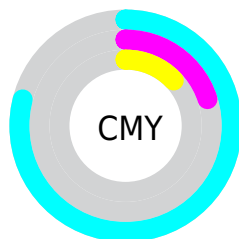
- Red (21%)
- Green (80%)
- Blue (87%)



- Red (21%)
- Yellow (52%)
- Blue (87%)



- Cyan (76%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (79%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.1545, -30.5469, -15.7108 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 70.1545, -30.5469, -15.7108 by changing the saturation by 10% instead.

70.1545, -30.5469,
-15.7108

70.1545, -30.5469,
-15.7108

195.8574,
-49.7853, -15.2115

58.9854, -28.1862,
-15.4968

94.3481, -35.0670,
-15.9534

48.4801, -25.7332,
-15.2191

107.3108,
-37.2527, -15.9909

38.6853, -23.1590,
-14.8746

120.8182,
-39.4011, -15.9763

29.6567, -20.4207,
-14.4655

134.8491,
-41.5193, -15.9124

21.4659, -17.4504,
-14.0047

149.3846,
-43.6127, -15.8018

14.2094, -14.1311,
-13.5401

164.4078,

7.8645, -13.7630,

-45.6858, -15.6467

-13.7611

179.9034,
-47.7423, -15.4493

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.1545, -30.5469,
-15.7108

■ 70.1545, -30.5469,
-15.7108

■ 69.0174, -30.8281,
-17.3795

■ 71.4830, -29.5482,
-13.7900

■ 68.0460, -30.4698,
-18.8192

■ 73.0121, -27.7942,
-11.6167


■ 67.6944, -30.2345,
-19.3445


■ 74.7502, -25.2761,
-9.1967


■ 76.7000, -22.0081,
-6.5444


■ 78.8608, -18.0218,

-3.6795

 81.2288, -13.3609,
-0.6240

 83.7985, -8.0773,
2.5987

 86.5625, -2.2268,
5.9656

 89.5129, 4.1337,
9.4551

Harmonies

Analogous

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



70.1558, -34.8361, 2.7188



70.1545, -30.5469, -15.7108



70.1558, -19.1716, -31.4892

Triad

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



70.1558, -30.5469, -15.7097



70.1558, 29.1441, -13.3390



70.1558, -4.8905, 29.2245

Complementary

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



70.1545, -30.5469, -15.7108



45.0499, 52.0028, 24.2350

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.



70.1558, 13.1371, 26.9336



70.1545, -30.5469, -15.7108



70.1558, 33.9213, 4.9012

Square

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



70.1558, -30.5469, -15.7097



70.1558, 15.3191, -29.8974



70.1558, 27.7984, 18.9689



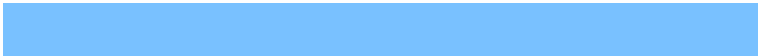
70.1558, -20.9722, 26.2489

Rectangle

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



70.1545, -30.5469, -15.7108



70.1558, -8.5042, -36.7645



70.1558, 27.7984, 18.9689



70.1558, 1.1402, 29.0473

Sweetspot

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



70.1558, -30.5469, -15.7097



93.0601, -19.5611, -3.2753



73.1037, -57.8702, 39.3454



42.6029, -9.9183, -2.1036

0.0000, NaN, NaN



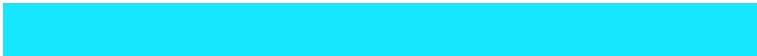
46.2646, -2.4686, 2.5136

Same Dimension

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



70.1558, -30.5469, -15.7097



80.0962, -35.9193, -21.3059



44.2844, 8.9373, -65.0810



39.1278, -4.6727, 0.7117



52.2663, -23.4214, -14.7683



14.0215, -6.4950, -3.5048

Inverse Universe

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



47.3677, 76.5008, -40.9806



52.5357, 97.8860, -50.6388



62.4760, 11.7802, 35.5057



37.2950, 2.8353, -0.8799



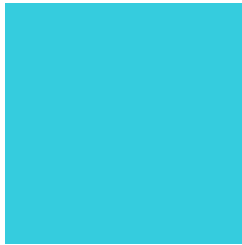
34.1552, 65.6399, -33.3402



9.0329, 17.4236, -9.3141

Previews

White Background



This preview shows how the HunterLab color 70.1545, -30.5469, -15.7108 looks on a white background.

Color Contrast Check

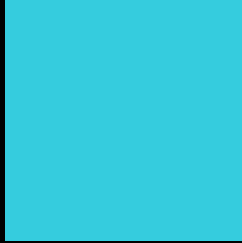
Large Text (above 18pt) WCAG AA × Fail

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 70.1545, -30.5469, -15.7108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

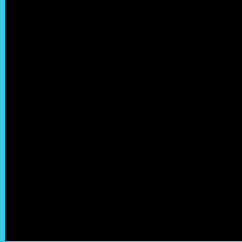
Any Text WCAG AA ✓ Pass

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 70.1545, -30.5469, -15.7108 Background



This preview shows how black text looks on a background with the HunterLab color 70.1545, -30.5469, -15.7108.



This preview shows how white text looks on a background with the HunterLab color 70.1545,

-30.5469, -15.7108.

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

70.1545, -30.5469, -15.7108

Protanopia

69.4585, 0.1950, -8.1350

Deuteranopia

69.5827, 5.0712, -18.9579



Tritanopia

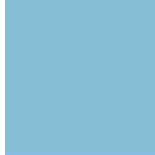
70.0973, -30.8443, -15.2064

Trichromacy



Original Color

70.1545, -30.5469, -15.7108



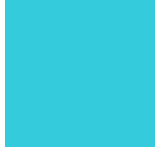
Protanomaly

68.6542, -14.9168, -12.3212



Deuteranomaly

68.4834, -11.3654, -19.6713



Tritanomaly

70.0973, -30.8443, -15.2064

Monochromacy



Original Color

70.1545, -30.5469, -15.7108



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

62.4506, -16.9798, -4.3480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.1545, -30.5469, -15.7108 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(53, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(53, 204, 222)  
}
```

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(53, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 204, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 70.1545, -30.5469, -15.7108 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(53, 204, 222) }
```


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

```
.border{ border-color:rgb(53, 204, 222) }
```

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

Here you see how a box with a 4 pixel rgb(53, 204, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(53, 204,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.1545, -30.5469, -15.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 204, 222) }
```

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

```
.background{ background-color: rgb(53, 204,  
222) }
```

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