

# Converting Colors

HunterLab(65.7734, -29.1471,  
-2.8682)

Have a look what the booklet for  
HunterLab(65.7734, -29.1471,  
-2.8682) contains.

<b>HunterLab(65.7734, -29.1471, -2.8682)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(65.7734,  
-29.1471, -2.8682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55C0BC
RGB	85, 192, 188
RGB Percent	33%, 75%, 74%
CMY	0.6666, 0.2470, 0.2627
CMYK	0.56, 0.00, 0.02, 0.25
HSL	178°, 46%, 54%
HSV	178°, 56%, 75%
XYZ	31.6731, 43.2614, 54.2579
YIQ	159.5510, -62.4880, -23.9280

# Conversions

## Conversions Part 2

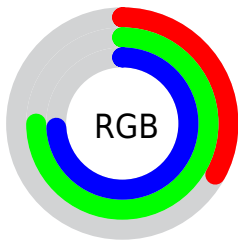
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 140, 192
Decimal	5619900
CIELab	71.73, -31.51, -7.30
CIElCh	72, 32.343, 193.041
Yxy	43.2631, 0.2452, 0.3349
Android (android.graphics.Color)	4283809980 (0xFF55C0BC)
YUV	159.5510, 14.0254, -65.3812
Hunter-Lab	65.7734, -29.1471, -2.8682

# Details

The HunterLab color  $65.7734, -29.1471, -2.8682$  is a light color, and the websafe version is hex  $66CCCC$ . The color can be described as light muted spring green. A complement of this color would be  $42.9256, 36.2883, 14.0295$ , and the grayscale version is  $59.0709, -3.1519, 3.2094$ .

A 20% lighter version of the original color is  $89.5613, -33.7485, -2.0632$ , and  $44.6388, -24.2879, -3.3639$  is the 20% darker color. If you saturate the color by 10%, you get  $65.1553, -31.6035, -3.3312$ , and if you desaturate by 10%, it is  $66.5717, -26.0382, -2.1706$ .

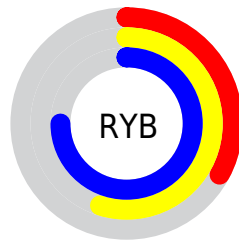
# Distribution



Red (33%)

Green (75%)

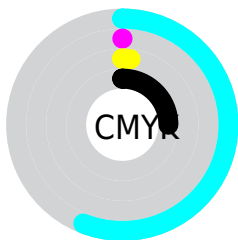
Blue (74%)



Red (33%)

Yellow (55%)

Blue (75%)

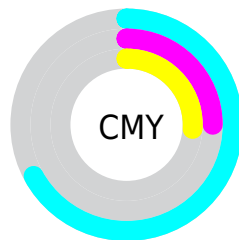


Cyan (56%)

Magenta (0%)

Yellow (2%)

Black (25%)



Cyan (67%)

Magenta (25%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.7734, -29.1471, -2.8682 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 65.7734, -29.1471, -2.8682 by changing the saturation by 10% instead.



■ 65.7734, -29.1471,  
-2.8682

■ 65.7734, -29.1471,  
-2.8682

189.6556,  
-48.2212, 1.3654

■ 54.8558, -26.7944,  
-3.1202

■ 89.5029, -33.6409,  
-2.2101

■ 44.6185, -24.3424,  
-3.3163

■ 102.2495,  
-35.8095, -1.8133

■ 35.1116, -21.7590,  
-3.4492

■ 115.5496,  
-37.9396, -1.3750

■ 26.3963, -18.9947,  
-3.5107

■ 129.3811,  
-40.0383, -0.8976

■ 18.5523, -15.9691,  
-3.4900

143.7242,  
-42.1116, -0.3831

■ 11.6899, -13.3507,  
-3.3736

158.5614,

■ 4.3803, -7.6655,

-44.1640, 0.1666

-6.6681

173.8767,  
-46.1995, 0.7499

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7734, -29.1471,  
-2.8682

■ 65.7734, -29.1471,  
-2.8682

■ 65.1553, -31.6035,  
-3.3312

■ 66.5717, -26.0382,  
-2.1706

■ 64.7031, -33.4262,  
-3.5727

■ 67.5535, -22.2755,  
-1.2376

■ 64.4033, -34.6583,  
-3.6094

■ 68.7239, -17.8760,  
-0.0706

■ 64.2353, -35.3724,  
-3.4689

■ 70.0841, -12.8705,  
1.3231

■ 64.1840, -35.5966,

■ 71.6330, -7.3001,

-3.3815

2.9319

■ 73.3676, -1.2133,  
4.7415

■ 75.2831, 5.3373,  
6.7356

■ 77.3736, 12.2981,  
8.8968

■ 79.2947, 18.5411,  
10.8183

# Harmonies

## Analogous

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



65.7747, -28.7211, 11.0397



65.7734, -29.1471, -2.8682



65.7747, -23.1586, -17.8549

# Triad

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



65.7747, -29.1475, -2.8673



65.7747, 17.1924, -19.5992



65.7747, 5.0485, 24.6681

# Complementary

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



65.7734, -29.1471, -2.8682



42.9256, 36.2883, 14.0295

# 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.



65.7747, 18.7486, 19.5895



65.7734, -29.1471, -2.8682



65.7747, 26.1760, -4.8701

# Square

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



65.7747, -29.1475, -2.8673



65.7747, 3.0735, -28.8655



65.7747, 26.7696, 9.4348



65.7747, -9.8503, 24.9716



# Rectangle

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



65.7734, -29.1471, -2.8682



65.7747, -15.9967, -25.6181



65.7747, 26.7696, 9.4348



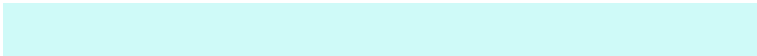
65.7747, 9.9771, 23.5249

# Sweetspot

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



65.7747, -29.1475, -2.8673



94.0379, -18.4168, 1.4717



63.6774, -42.0808, 30.4978



43.3788, -9.1796, 0.4991



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.



65.7747, -29.1475, -2.8673



87.5406, -43.1909, -4.5865



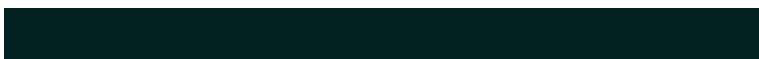
50.6357, -6.7836, -27.3118



33.7961, -4.4686, 1.1041



52.6518, -29.1842, -2.8098



10.9538, -6.0100, -0.7174



# Inverse Universe

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



42.9256, 36.2883, 14.0295



52.0841, 60.4459, 22.4612



53.5539, 12.2317, 23.6977



31.7551, 1.1354, 2.5220



27.4844, 47.1158, 17.3884

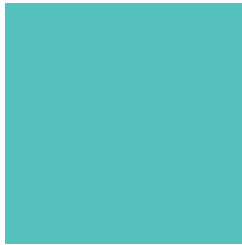


5.7318, 9.8632, 3.3363



# Previews

## White Background



This preview shows how the HunterLab color 65.7734, -29.1471, -2.8682 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 65.7734, -29.1471, -2.8682 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

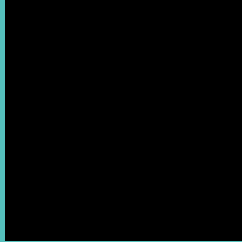
Any Text WCAG AA ✓ Pass

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 65.7734, -29.1471, -2.8682 Background



This preview shows how black text looks on a background with the HunterLab color 65.7734, -29.1471, -2.8682.



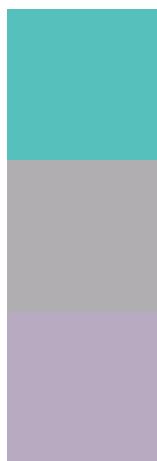
This preview shows how white text looks on a background with the HunterLab color 65.7734,

-29.1471, -2.8682.

# 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

65.7734, -29.1471, -2.8682

### Protanopia

65.4168, -2.0496, 2.5743

### Deuteranopia

65.3200, 4.6413, -5.4635



## Tritanopia

65.5951, -23.5442, -12.1987

# Trichromacy



## Original Color

65.7734, -29.1471, -2.8682



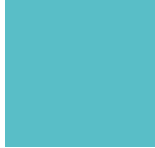
## Protanomaly

65.0486, -14.0432, -0.0092



## Deuteranomaly

64.6571, -10.0179, -5.5327



## Tritanomaly

65.6310, -25.5319, -8.8179

# Monochromacy



## Original Color

65.7734, -29.1471, -2.8682



## Achromatopsia

59.2902, -3.1636, 3.2213



## Achromatomaly

61.1505, -14.5355, 0.5531

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.7734, -29.1471, -2.8682 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, 192, 188)` looks like.

```
.text, #text, p{  
    color:rgb(85, 192, 188)  
}
```

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, 192, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 192, 188) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.7734, -29.1471, -2.8682 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".

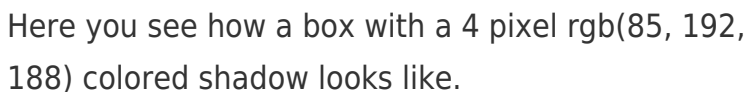
```
.border, #border, table{ border:4px solid rgb(85, 192, 188) }
```



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

```
.border{ border-color:rgb(85, 192, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 192, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 192, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 192, 188);  
box-shadow:4px 4px 4px 4px rgb(85, 192,  
188) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.7734, -29.1471, -2.8682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 192, 188) }
```

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

```
.background{ background-color: rgb(85, 192,  
188) }
```

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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