

# Converting Colors

HunterLab(74.1137, -28.3748,  
-17.6668)

Have a look what the booklet for  
HunterLab(74.1137, -28.3748,  
-17.6668) contains.

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# Color

**HunterLab(74.1108,  
-28.2789, -17.7076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53D4EB
RGB	83, 212, 235
RGB Percent	33%, 83%, 92%
CMY	0.6745, 0.1686, 0.0784
CMYK	0.65, 0.10, 0.00, 0.08
HSL	189°, 79%, 62%
HSV	189°, 65%, 92%
XYZ	42.1061, 54.9241, 86.9795
YIQ	176.0510, -84.2670, -20.1950

# Conversions

## Conversions Part 2

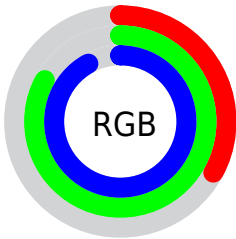
Format	Color
RYP	83, 153, 235
Decimal	5493995
CIELab	79.00, -28.31, -21.78
CIElCh	79, 35.723, 217.574
Yxy	54.9261, 0.2288, 0.2985
Android (android.graphics.Color)	4283684075 (0xFF53D4EB)
YUV	176.0510, 29.0619, -81.6057
Hunter-Lab	74.1108, -28.2789, -17.7076

# Details

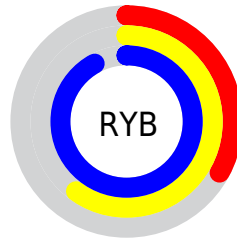
The HunterLab color **74.1108, -28.2789, -17.7076** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **53.4757, 43.1998, 24.6325**, and the grayscale version is **65.8215, -3.5121, 3.5762**.

A 20% lighter version of the original color is **92.2149, -33.5762, -4.5939**, and **52.3150, -22.6501, -16.4942** is the 20% darker color. If you saturate the color by 10%, you get **72.3006, -29.0196, -20.4111**, and if you desaturate by 10%, it is **76.1444, -26.7236, -14.7487**.

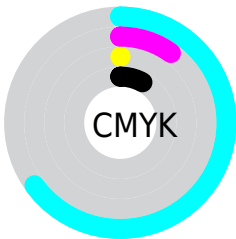
# Distribution



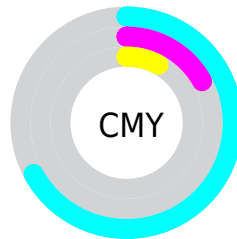
- Red (33%)
- Green (83%)
- Blue (92%)



- Red (33%)
- Yellow (60%)
- Blue (92%)



- Cyan (65%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (67%)
- Magenta (17%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.1108, -28.2789, -17.7076 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 74.1108, -28.2789, -17.7076 by changing the saturation by 10% instead.



74.1108, -28.2789,  
-17.7076

74.1108, -28.2789,  
-17.7076

201.4031,  
-45.8778, -17.5365

62.7237, -26.1642,  
-17.4593

98.7080, -32.3612,  
-18.0218

51.9869, -23.9810,  
-17.1491

111.8591,  
-34.3485, -18.0959

41.9440, -21.7080,  
-16.7750

125.5473,  
-36.3097, -18.1182

32.6469, -19.3135,  
-16.3397

139.7524,  
-38.2500, -18.0912

24.1609, -16.7486,  
-15.8569

154.4561,  
-40.1738, -18.0174

16.5726, -13.9311,  
-15.3705

169.6422,

10.0044, -12.9455,

-42.0845, -17.8991

-15.0306

185.2957,  
-43.9850, -17.7382

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.1108, -28.2789,  
-17.7076

■ 74.1108, -28.2789,  
-17.7076

■ 72.3006, -29.0196,  
-20.4111

■ 76.1444, -26.7236,  
-14.7487

■ 70.6995, -28.9725,  
-22.8566

■ 78.4013, -24.3569,  
-11.5548

■ 69.2893, -28.2071,  
-25.0537

■ 80.8824, -21.2050,  
-8.1475

■ 68.5924, -27.5993,  
-26.1557

■ 83.5837, -17.3098,  
-4.5527

■ 86.4988, -12.7238,

-0.7973

■ 89.6195, -7.5049,  
3.0931

■ 92.9366, -1.7128,  
7.0944

■ 94.7859, -1.0427,  
9.2239

■ 95.8974, -2.9258,  
10.4457

# Harmonies

## Analogous

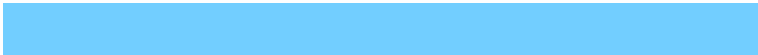
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1122, -33.8402, -0.2116



74.1108, -28.2789, -17.7076



74.1122, -16.0998, -31.1295

# Triad

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



74.1122, -28.2790, -17.7064



74.1122, 28.9805, -8.9300



74.1122, -8.2460, 28.8405

# Complementary

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



74.1108, -28.2789, -17.7076



53.4757, 43.1998, 24.6325

# 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.



74.1122, 9.0187, 27.5297



74.1108, -28.2789, -17.7076



74.1122, 31.5657, 8.0426

# Square

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



74.1122, -28.2790, -17.7064



74.1122, 17.1951, -25.3136



74.1122, 23.9691, 20.6971



74.1122, -22.9768, 24.8038

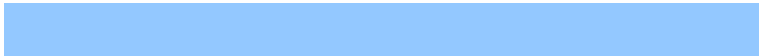


# Rectangle

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



74.1108, -28.2789, -17.7076



74.1122, -5.3465, -34.5535



74.1122, 23.9691, 20.6971



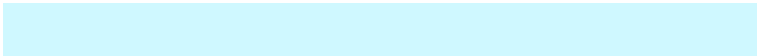
74.1122, -2.5600, 28.9907

# Sweetspot

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



74.1122, -28.2790, -17.7064



93.4623, -16.2663, -2.7103



78.9262, -57.0009, 37.4322



42.8174, -8.1865, -1.7999

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

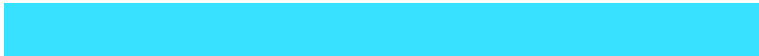


# Same Dimension

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



74.1122, -28.2790, -17.7064



78.6526, -31.9167, -23.4108



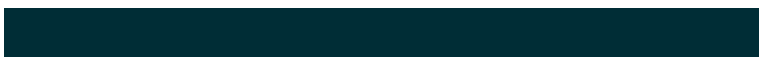
50.5015, 8.4577, -61.0094



40.8790, -4.6766, 0.5639



51.3184, -20.7827, -19.2796



14.7418, -6.2931, -4.8410



# Inverse Universe

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



53.4826, 70.7437, -34.8589



54.3406, 89.6316, -42.5938



71.8768, 4.6221, 37.6191



39.0798, 2.9155, -0.7169



34.8589, 66.3567, -29.1010

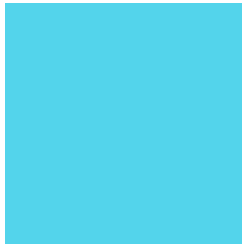


9.8224, 18.7853, -8.8781



# Previews

## White Background



This preview shows how the HunterLab color 74.1108, -28.2789, -17.7076 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

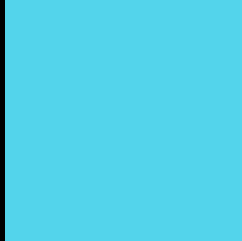
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.1108, -28.2789, -17.7076 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

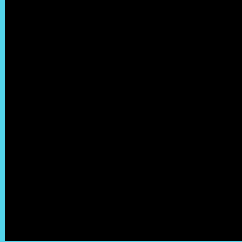
Any Text WCAG AA ✓ Pass

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 74.1108, -28.2789, -17.7076 Background



This preview shows how black text looks on a background with the HunterLab color 74.1108, -28.2789, -17.7076.



This preview shows how white text looks on a background with the HunterLab color 74.1108,

-28.2789, -17.7076.

# 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

74.1108, -28.2789, -17.7076

### Protanopia

73.6428, 0.1739, -10.2570

### Deuteranopia

73.5291, 5.7573, -21.0646



## Tritanopia

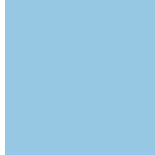
74.1668, -30.1880, -14.6737

# Trichromacy



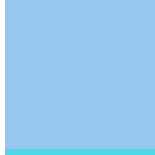
## Original Color

74.1108, -28.2789, -17.7076



## Protanomaly

73.0333, -12.6988, -14.2171



## Deuteranomaly

72.8975, -9.0829, -21.0295



## Tritanomaly

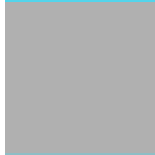
74.2725, -29.6312, -15.6960

# Monochromacy



## Original Color

74.1108, -28.2789, -17.7076



## Achromatopsia

65.8903, -3.5157, 3.5799



## Achromatomaly

67.9538, -15.3425, -4.4844

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.1108, -28.2789, -17.7076 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(83, 212, 235)` looks like.

```
.text, #text, p{  
    color:rgb(83, 212, 235)  
}
```

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(83, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 212, 235) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.1108, -28.2789, -17.7076 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(83, 212, 235) }
```



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

```
.border{ border-color:rgb(83, 212, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 212, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(83, 212,  
235) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.1108, -28.2789, -17.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 212, 235) }
```

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

```
.background{ background-color: rgb(83, 212,  
235) }
```

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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