

# Converting Colors

HunterLab(80.0257, -28.6117,  
-3.8103)

Have a look what the booklet for  
HunterLab(80.0257, -28.6117,  
-3.8103) contains.

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# Color

**HunterLab(80.1200,  
-28.7444, -3.8480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84E1E1
RGB	132, 225, 225
RGB Percent	52%, 88%, 88%
CMY	0.4823, 0.1176, 0.1176
CMYK	0.41, 0.00, 0.00, 0.12
HSL	180°, 61%, 70%
HSV	180°, 41%, 88%
XYZ	50.0315, 64.1921, 80.9876
YIQ	197.1930, -55.4280, -19.7160

# Conversions

## Conversions Part 2

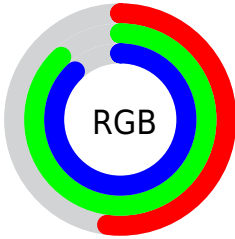
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 179, 225
Decimal	8708577
CIELab	84.07, -27.61, -8.68
CIELCh	84, 28.939, 197.458
Yxy	64.1947, 0.2563, 0.3288
Android (android.graphics.Color)	4286898657 (0xFF84E1E1)
YUV	197.1930, 13.7089, -57.1743
Hunter-Lab	80.1200, -28.7444, -3.8480

# Details

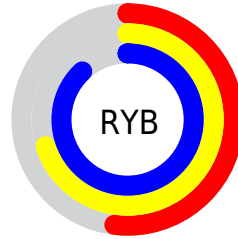
The HunterLab color **80.1200, -28.7444, -3.8480** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58.4619, 30.4163, 14.4151**, and the grayscale version is **74.7662, -3.9893, 4.0622**.

A 20% lighter version of the original color is **94.7033, -24.2830, -1.2996**, and **57.2137, -24.4116, -4.5829** is the 20% darker color. If you saturate the color by 10%, you get **79.1025, -32.6284, -5.2216**, and if you desaturate by 10%, it is **81.3686, -24.0662, -2.1889**.

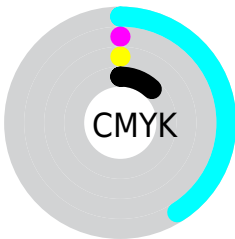
# Distribution



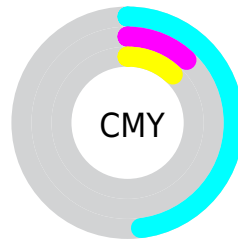
- Red (52%)
- Green (88%)
- Blue (88%)



- Red (52%)
- Yellow (70%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (48%)
- Magenta (12%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1200, -28.7444, -3.8480 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 80.1200, -28.7444, -3.8480 by changing the saturation by 10% instead.



80.1200, -28.7444,  
-3.8480

80.1200, -28.7444,  
-3.8480

209.7361,  
-45.9752, 0.3673

68.4166, -26.6972,  
-4.1059

105.3049,  
-32.7167, -3.1851

57.3447, -24.5921,  
-4.3118

118.7309,  
-34.6573, -2.7887

46.9444, -22.4123,  
-4.4596

132.6835,  
-36.5760, -2.3521

37.2621, -20.1326,  
-4.5429

147.1434,  
-38.4774, -1.8774

28.3557, -17.7156,  
-4.5540

162.0936,  
-40.3652, -1.3666

20.2999, -15.1007,  
-4.4830

177.5183,

13.1962, -12.1874,

-42.2424, -0.8213

-4.3188

193.4035,  
-44.1117, -0.2429

■ 6.7100, -11.7425,  
-5.0529

0.0000, NaN, NaN

■ 80.1200, -28.7444,  
-3.8480

■ 80.1200, -28.7444,  
-3.8480

■ 79.1025, -32.6284,  
-5.2216

■ 81.3686, -24.0662,  
-2.1889

■ 78.3040, -35.7100,  
-6.3118

■ 82.8472, -18.6176,  
-0.2563

■ 77.7146, -38.0071,  
-7.1239

■ 84.5578, -12.4411,  
1.9370

■ 77.3182, -39.5634,  
-7.6738

■ 86.4982, -5.5905,  
4.3728

■ 77.0923, -40.4541,  
-7.9883

■ 88.6638, 1.8727,  
7.0303

■ 76.9991, -40.8225,  
-8.1182

■ 89.7491, 5.5448,  
8.3391

■ 89.7491, 5.5449,  
8.3389

■ 89.7491, 5.5450,  
8.3386

■ 89.7491, 5.5451,  
8.3384

# Harmonies

## Analogous

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



80.1216, -29.2764, 9.8099



80.1200, -28.7444, -3.8480



80.1216, -21.9524, -17.2831

# Triad

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



80.1216, -28.7451, -3.8468



80.1216, 16.8927, -15.3081



80.1216, 1.7491, 25.8350

# Complementary

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



80.1200, -28.7444, -3.8480



58.4619, 30.4163, 14.4151

# 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.



80.1216, 15.0721, 21.2657



80.1200, -28.7444, -3.8480



80.1216, 24.2160, -1.4991

# Square

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



80.1216, -28.7451, -3.8468



80.1216, 4.0955, -24.6523



80.1216, 23.5274, 11.7834



80.1216, -12.3238, 25.4291

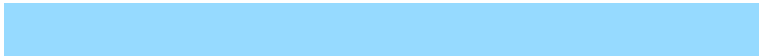


# Rectangle

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



80.1200, -28.7444, -3.8480



80.1216, -14.5010, -23.5944



80.1216, 23.5274, 11.7834



80.1216, 6.4818, 24.8686

# Sweetspot

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



80.1216, -28.7451, -3.8468



97.2889, -14.8997, 2.0324



77.8141, -42.4631, 30.5711



44.8845, -7.3440, 0.7801

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.1216, -28.7451, -3.8468



91.2635, -37.2019, -5.8760



65.5794, -7.4136, -24.1249



39.4619, -5.2038, 1.1058



58.4496, -30.9881, -6.1625



15.3884, -8.1584, -1.6225



# Inverse Universe

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



58.4619, 30.4163, 14.4151



61.7363, 44.5016, 19.3721



70.0716, 7.1153, 24.8302



37.0143, 1.3281, 3.1180



30.3715, 52.0122, 19.6251

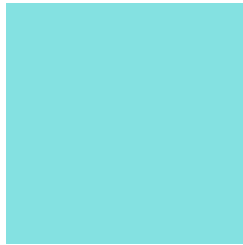


7.9961, 13.6936, 5.1666



# Previews

## White Background



This preview shows how the HunterLab color 80.1200, -28.7444, -3.8480 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

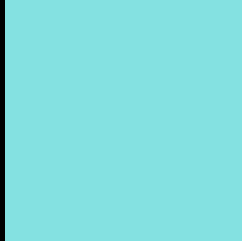
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.1200, -28.7444, -3.8480 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

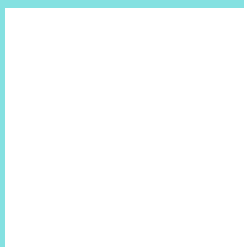
Any Text WCAG AAA ✓ Pass

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

## HunterLab 80.1200, -28.7444, -3.8480 Background



This preview shows how black text looks on a background with the HunterLab color 80.1200, -28.7444, -3.8480.



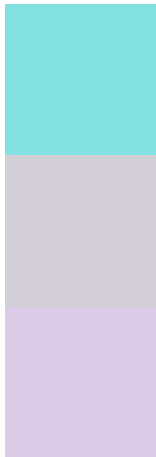
This preview shows how white text looks on a background with the HunterLab color 80.1200,

-28.7444, -3.8480.

# 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

80.1200, -28.7444, -3.8480

### Protanopia

79.4873, -2.0541, 1.4905

### Deuteranopia

79.6775, 5.8516, -6.5079



## Tritanopia

80.2250, -23.7636, -12.4846

# Trichromacy



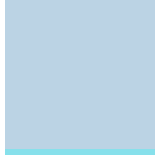
## Original Color

80.1200, -28.7444, -3.8480



## Protanomaly

79.4356, -13.1906, -0.7909



## Deuteranomaly

79.2179, -8.4113, -6.2683



## Tritanomaly

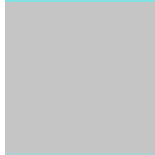
80.2872, -25.6870, -9.0191

# Monochromacy



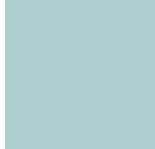
## Original Color

80.1200, -28.7444, -3.8480



## Achromatopsia

74.7222, -3.9870, 4.0598



## Achromatomaly

76.1675, -14.2215, 0.7340

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.1200, -28.7444, -3.8480 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(132, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(132, 225, 225)  
}
```

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(132, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 225, 225) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.1200, -28.7444, -3.8480 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(132, 225, 225) }
```



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

```
.border{ border-color:rgb(132, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(132, 225,  
225) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.1200, -28.7444, -3.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 225, 225) }
```

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

```
.background{ background-color: rgb(132,  
225, 225) }
```

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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