

# Converting Colors

HunterLab(80.6259, -30.9637,  
1.7401)

Have a look what the booklet for  
HunterLab(80.6259, -30.9637,  
1.7401) contains.

<b>HunterLab(80.6197, -30.9851, 1.8544)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(80.6197,  
-30.9851, 1.8544)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87E3D7
RGB	135, 227, 215
RGB Percent	53%, 89%, 84%
CMY	0.4706, 0.1098, 0.1569
CMYK	0.41, 0.00, 0.05, 0.11
HSL	172°, 62%, 71%
HSV	172°, 41%, 89%
XYZ	49.7265, 64.9954, 74.2144
YIQ	198.1240, -50.9800, -23.2360

# Conversions

## Conversions Part 2

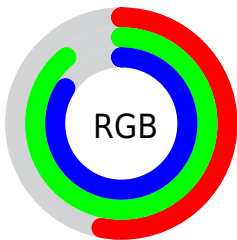
Format	Color
<b>RYB</b>	135, 184, 227
Decimal	8905687
CIELab	84.48, -30.22, -2.77
CIELCh	84, 30.346, 185.230
Yxy	64.9979, 0.2632, 0.3440
Android (android.graphics.Color)	4287095767 (0xFF87E3D7)
YUV	198.1240, 8.3199, -55.3597
Hunter-Lab	80.6197, -30.9851, 1.8544

# Details

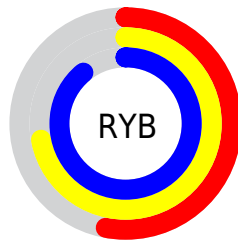
The HunterLab color **80.6197, -30.9851, 1.8544** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59.8057, 31.4741, 10.0349**, and the grayscale version is **75.1828, -4.0116, 4.0848**.

A 20% lighter version of the original color is **94.8401, -23.7797, -1.1210**, and **57.6919, -26.5498, 0.9058** is the 20% darker color. If you saturate the color by 10%, you get **79.4736, -35.5826, 1.8601**, and if you desaturate by 10%, it is **81.9997, -25.5963, 2.1383**.

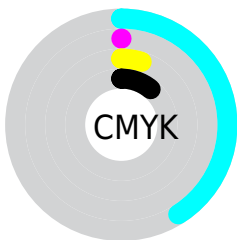
# Distribution



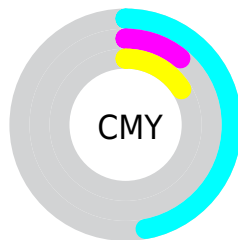
- Red (53%)
- Green (89%)
- Blue (84%)



- Red (53%)
- Yellow (72%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)




- Cyan (47%)
- Magenta (11%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6197, -30.9851, 1.8544 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 80.6197, -30.9851, 1.8544 by changing the saturation by 10% instead.





 80.6197, -30.9851,  
1.8544


 80.6197, -30.9851,  
1.8544


210.4245,  
-49.2262, 7.9926


 68.8908, -28.7978,  
1.3421


 105.8522,  
-35.2159, 2.9955

 57.7919, -26.5432,  
0.8699


 119.3005,  
-37.2767, 3.6180

 47.3627, -24.2027,  
0.4423


 133.2745,  
-39.3104, 4.2731

 37.6495, -21.7485,  
0.0635

147.7552,  
-41.3224, 4.9593

 28.7096, -19.1393,  
-0.2610

162.7254,  
-43.3168, 5.6755

 20.6166, -16.3085,  
-0.5237

178.1695,

 13.4708, -13.1561,

-45.2970, 6.4204

-0.7133

194.0735,  
-47.2660, 7.1931

■ 7.0446, -12.3280,  
-1.2441

0.0000, NaN, NaN

■ 80.6197, -30.9851,  
1.8544

■ 80.6197, -30.9851,  
1.8544

■ 79.4736, -35.5826,  
1.8601

■ 81.9997, -25.5963,  
2.1383

■ 78.5503, -39.3703,  
2.1437


■ 83.6114, -19.4487,  
2.7098


■ 77.8410, -42.3566,  
2.6904


■ 85.4560, -12.5932,  
3.5653

■ 77.3302, -44.5761,  
3.4764


■ 87.5302, -5.0896,  
4.6949

 76.9965, -46.0966,  
4.4688

 89.8286, 2.9957,  
6.0850

 76.8046, -47.0392,  
5.5451

 90.5928, 5.7617,  
5.5826

 90.6868, 6.2656,  
4.2411

 90.7823, 6.7769,  
2.8800

 90.8793, 7.2956,  
1.4993

# Harmonies

## Analogous

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



80.6213, -28.7860, 15.0271



80.6197, -30.9851, 1.8544



80.6213, -26.4725, -13.0363

# Triad

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



80.6213, -30.9859, 1.8555



80.6213, 12.9584, -21.3011



80.6213, 8.0970, 25.4816

# Complementary

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



80.6197, -30.9851, 1.8544



59.8057, 31.4741, 10.0349

# 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.



80.6213, 20.5486, 18.6249



80.6197, -30.9851, 1.8544



80.6213, 23.4955, -7.9322

# Square

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



80.6213, -30.9859, 1.8555



80.6213, -1.6687, -27.8746



80.6213, 26.3692, 6.8418



80.6213, -6.9100, 27.1498



# Rectangle

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



80.6197, -30.9851, 1.8544



80.6213, -20.0558, -21.4656



80.6213, 26.3692, 6.8418



80.6213, 12.7540, 23.7772

# Sweetspot

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



80.6213, -30.9859, 1.8555



97.1580, -15.6300, 3.8958



79.3207, -39.9649, 31.0432



44.8173, -7.7201, 1.7376

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.6213, -30.9859, 1.8555



90.8207, -40.0109, 2.1044



69.9694, -12.7796, -18.6924



40.3762, -5.5722, 1.7311



58.6633, -35.8584, 4.0839



15.9754, -9.5766, 0.7054



# Inverse Universe

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



59.8057, 31.4741, 10.0349



62.7095, 45.2336, 13.5864



68.0875, 12.4324, 22.2117



37.9453, 1.5854, 2.6230



30.9633, 53.2291, 18.4300

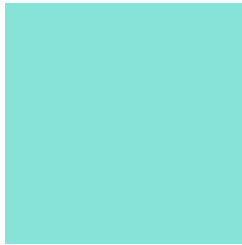


8.4758, 14.6871, 4.1433



# Previews

## White Background



This preview shows how the HunterLab color 80.6197, -30.9851, 1.8544 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

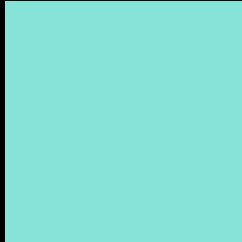
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.6197, -30.9851, 1.8544 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

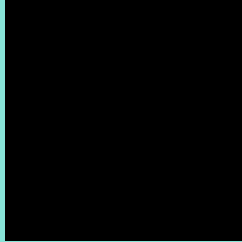
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

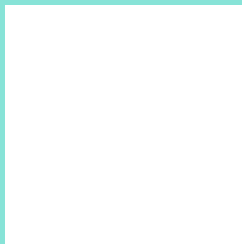
Any Text WCAG AAA ✓ Pass

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

# HunterLab 80.6197, -30.9851, 1.8544 Background



This preview shows how black text looks on a background with the HunterLab color 80.6197, -30.9851, 1.8544.



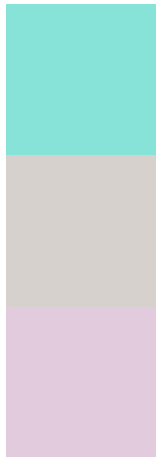
This preview shows how white text looks on a background with the HunterLab color 80.6197,

-30.9851, 1.8544.

# 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

80.6197, -30.9851, 1.8544

### Protanopia

80.2844, -2.9964, 6.7644

### Deuteranopia

79.9292, 6.0107, -0.8689



## Tritanopia

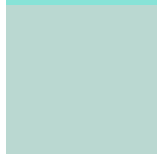
80.5463, -22.5705, -12.0204

# Trichromacy



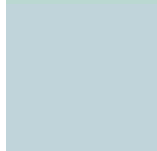
## Original Color

80.6197, -30.9851, 1.8544



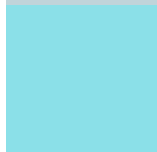
## Protanomaly

80.0964, -14.6688, 4.4461



## Deuteranomaly

79.5961, -9.3662, -0.5253



## Tritanomaly

80.3906, -25.5140, -7.2159

# Monochromacy



## Original Color

80.6197, -30.9851, 1.8544



## Achromatopsia

75.1473, -4.0097, 4.0829



## Achromatomaly

76.8600, -15.1826, 3.0272

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.6197, -30.9851, 1.8544 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(135, 227, 215)` looks like.

```
.text, #text, p{  
    color:rgb(135, 227, 215)  
}
```

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(135, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 227, 215) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.6197, -30.9851, 1.8544 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(135, 227, 215) }
```



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

```
.border{ border-color:rgb(135, 227, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 227, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(135, 227,  
215) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.6197, -30.9851, 1.8544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 227, 215) }
```

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

```
.background{ background-color: rgb(135,  
227, 215) }
```

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