

# Converting Colors

HunterLab(79.5357, -27.9370,  
-11.6134)

Have a look what the booklet for  
HunterLab(79.5357, -27.9370,  
-11.6134) contains.

<b>HunterLab(79.6281, -27.9470, -11.6516)</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(79.6281,  
-27.9470, -11.6516)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77E0EE
RGB	119, 224, 238
RGB Percent	47%, 88%, 93%
CMY	0.5333, 0.1216, 0.0667
CMYK	0.50, 0.06, 0.00, 0.07
HSL	187°, 78%, 70%
HSV	187°, 50%, 93%
XYZ	49.6960, 63.4063, 90.5083
YIQ	194.2010, -67.0740, -17.9060

# Conversions

## Conversions Part 2

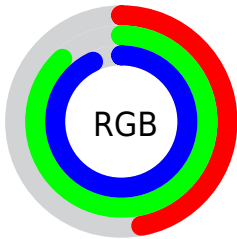
Format	Color
<a href="#">RYB</a>	<a href="#">119, 175, 238</a>
Decimal	<a href="#">7856366</a>
CIELab	<a href="#">83.66, -26.74, -16.23</a>
CIElCh	<a href="#">84, 31.282, 211.251</a>
Yxy	<a href="#">63.4088, 0.2441, 0.3114</a>
Android (android.graphics.Color)	<a href="#">4286046446</a> ( <a href="#">0xFF77E0EE</a> )
YUV	<a href="#">194.2010, 21.5929, -65.9513</a>
Hunter-Lab	<a href="#">79.6281, -27.9470, -11.6516</a>

# Details

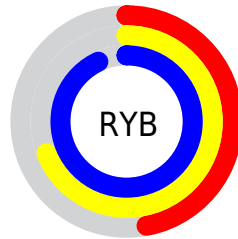
The HunterLab color **79.6281, -27.9470, -11.6516** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60.2373, 33.7949, 20.5296**, and the grayscale version is **73.4679, -3.9201, 3.9917**.

A 20% lighter version of the original color is **93.9175, -27.1888, -2.3302**, and **56.7405, -23.7262, -11.6966** is the 20% darker color. If you saturate the color by 10%, you get **77.7417, -30.2365, -14.3163**, and if you desaturate by 10%, it is **81.7472, -24.8349, -8.7308**.

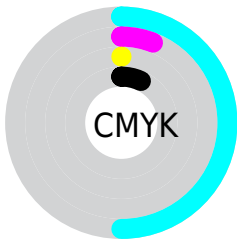
# Distribution



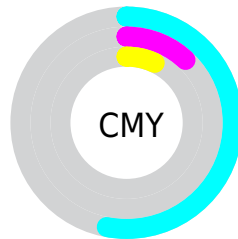
- Red (47%)
- Green (88%)
- Blue (93%)



- Red (47%)
- Yellow (69%)
- Blue (93%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (12%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.6281, -27.9470, -11.6516 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 79.6281, -27.9470, -11.6516 by changing the saturation by 10% instead.



79.6281, -27.9470,  
-11.6516

79.6281, -27.9470,  
-11.6516

209.0578,  
-44.8488, -9.7281

67.9500, -25.9445,  
-11.6181

104.7659,  
-31.8357, -11.5463

56.9048, -23.8869,  
-11.5243

118.1699,  
-33.7374, -11.4171

46.5329, -21.7577,  
-11.3643

132.1013,  
-35.6187, -11.2405

36.8812, -19.5326,  
-11.1337

146.5408,  
-37.4840, -11.0192

28.0081, -17.1746,  
-10.8293

161.4711,  
-39.3370, -10.7553

19.9891, -14.6245,  
-10.4537

176.8767,

12.9272, -11.7944,

-41.1805, -10.4509

-10.0309

192.7433,  
-43.0171, -10.1080

■ 6.3628, -11.1349,  
-11.5133

0.0000, NaN, -NF

■ 79.6281, -27.9470,  
-11.6516

■ 79.6281, -27.9470,  
-11.6516

■ 77.7417, -30.2365,  
-14.3163

■ 81.7472, -24.8349,  
-8.7308

■ 76.0795, -31.6938,  
-16.7140

■ 84.0944, -20.9280,  
-5.5786

■ 74.6334, -32.3387,  
-18.8379

■ 86.6677, -16.2715,  
-2.2182

■ 73.3863, -32.2267,  
-20.6964

■ 89.4611, -10.9197,  
1.3248

■ 72.2973, -31.5123,  
-22.3392

■ 92.4671, -4.9325,  
5.0246

■ 72.2971, -31.5121,  
-22.3395

■ 94.9876, -0.7287,  
8.0276

■ 95.8618, -2.2145,  
9.0008

■ 96.7414, -3.6960,  
9.9717

■ 97.6261, -5.1730,  
10.9403

# Harmonies

## Analogous

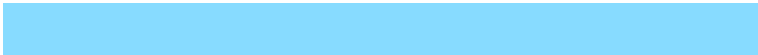
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6296, -31.6649, 3.7192



79.6281, -27.9470, -11.6516



79.6296, -17.9578, -24.4196

# Triad

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



79.6296, -27.9474, -11.6504



79.6296, 23.3110, -10.3870



79.6296, -4.8962, 27.6054

# Complementary

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



79.6281, -27.9470, -11.6516



60.2373, 33.7949, 20.5296

# 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.



79.6296, 10.4461, 25.2303



79.6281, -27.9470, -11.6516



79.6296, 27.4555, 4.9448

# Square

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



79.6296, -27.9474, -11.6504



79.6296, 11.6446, -23.5984



79.6296, 22.5831, 17.5678



79.6296, -18.9938, 24.7955

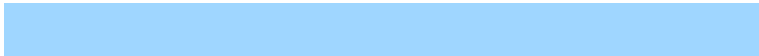


# Rectangle

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



79.6281, -27.9470, -11.6516



79.6296, -8.6932, -28.7086



79.6296, 22.5831, 17.5678



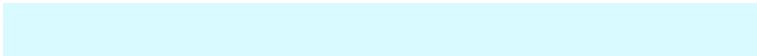
79.6296, 0.2865, 27.3908

# Sweetspot

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



79.6296, -27.9474, -11.6504



95.1925, -14.8268, -0.5282



81.7084, -50.3422, 33.3944



43.7472, -7.4185, -0.6175

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.6296, -27.9474, -11.6504



84.0324, -32.7454, -15.5444



60.7199, 0.8290, -41.5554



41.9439, -4.9730, 0.7081



54.1161, -23.6852, -16.5109



15.8911, -7.1901, -4.3410



# Inverse Universe

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



60.6254, 56.7640, -30.6194



60.7267, 73.8482, -39.5146



75.7487, 2.9964, 33.0665



39.9969, 3.0601, -0.9114



35.7068, 68.4547, -33.5602

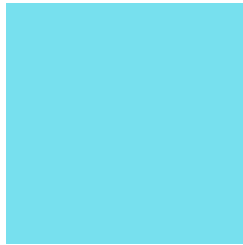


10.3423, 19.8967, -10.2560



# Previews

## White Background



This preview shows how the HunterLab color 79.6281, -27.9470, -11.6516 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

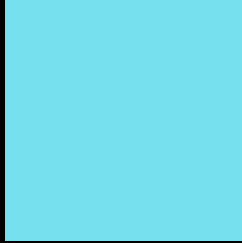
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.6281, -27.9470, -11.6516 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

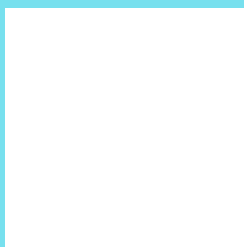
Any Text WCAG AAA ✓ Pass

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

## HunterLab 79.6281, -27.9470, -11.6516 Background



This preview shows how black text looks on a background with the HunterLab color 79.6281, -27.9470, -11.6516.



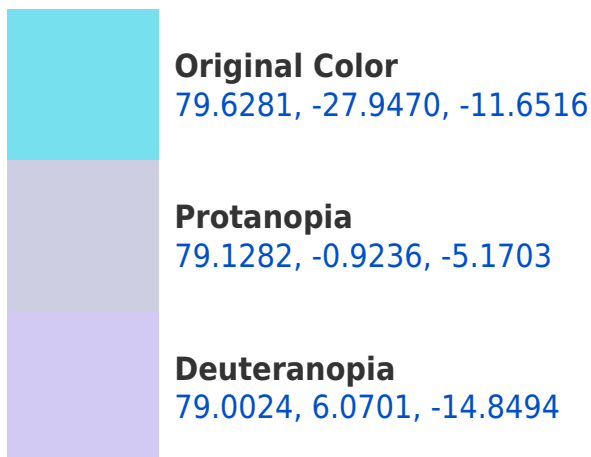
This preview shows how white text looks on a background with the HunterLab color 79.6281, -27.9470, -11.6516.

-27.9470, -11.6516.

# 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





## Tritanopia

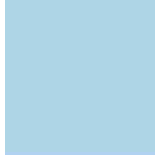
79.4477, -26.6715, -13.6162

# Trichromacy



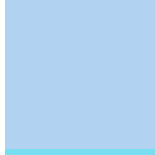
## Original Color

79.6281, -27.9470, -11.6516



## Protanomaly

78.9306, -12.5422, -7.8174



## Deuteranomaly

78.6074, -8.0030, -14.4710



## Tritanomaly

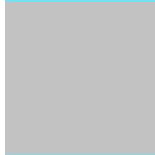
79.4101, -26.8877, -13.0893

# Monochromacy



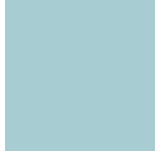
## Original Color

79.6281, -27.9470, -11.6516



## Achromatopsia

73.4493, -3.9191, 3.9906



## Achromatomaly

75.1873, -14.2973, -2.0012

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.6281, -27.9470, -11.6516 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(119, 224, 238)` looks like.

```
.text, #text, p{  
    color:rgb(119, 224, 238)  
}
```

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(119, 224, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 224, 238) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.6281, -27.9470, -11.6516 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(119, 224, 238) }
```



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

```
.border{ border-color:rgb(119, 224, 238) }
```

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

Here you see how a box with a 4 pixel rgb(119, 224, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 224, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 224, 238);  
box-shadow:4px 4px 4px 4px rgb(119, 224,  
238) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.6281, -27.9470, -11.6516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 224, 238) }
```

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

```
.background{ background-color: rgb(119,  
224, 238) }
```

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