

# Converting Colors

HunterLab(74.9952, -20.5179,  
-11.0312)

Have a look what the booklet for  
HunterLab(74.9952, -20.5179,  
-11.0312) contains.

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# Color

**HunterLab(74.9952,  
-20.5179, -11.0312)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87D1E2
RGB	135, 209, 226
RGB Percent	53%, 82%, 89%
CMY	0.4706, 0.1804, 0.1137
CMYK	0.40, 0.08, 0.00, 0.11
HSL	191°, 61%, 71%
HSV	191°, 40%, 89%
XYZ	46.5196, 56.2428, 80.3556
YIQ	188.8120, -49.5610, -10.4010

# Conversions

## Conversions Part 2

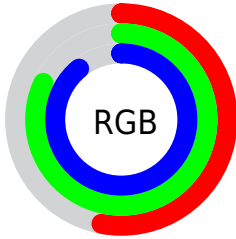
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 176, 226
Decimal	8901090
CIELab	79.75, -18.69, -15.65
CIELCh	80, 24.374, 219.939
Yxy	56.2450, 0.2540, 0.3071
Android (android.graphics.Color)	4287091170 (0xFF87D1E2)
YUV	188.8120, 18.3337, -47.1931
Hunter-Lab	74.9952, -20.5179, -11.0312

# Details

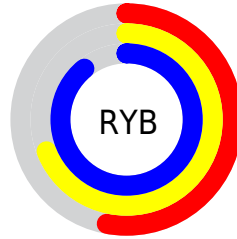
The HunterLab color  $74.9952, -20.5179, -11.0312$  is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be  $63.5416, 20.7394, 18.1278$ , and the grayscale version is  $71.1983, -3.7990, 3.8683$ .

A 20% lighter version of the original color is  $94.8401, -23.7797, -1.1210$ , and  $52.6438, -17.0878, -11.2524$  is the 20% darker color. If you saturate the color by 10%, you get  $72.4712, -22.7845, -14.6080$ , and if you desaturate by 10%, it is  $77.7315, -17.5346, -7.2911$ .

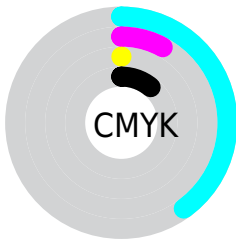
# Distribution



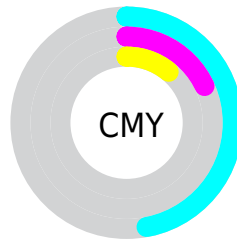
- Red (53%)
- Green (82%)
- Blue (89%)



- Red (53%)
- Yellow (69%)
- Blue (89%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (18%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9952, -20.5179, -11.0312 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 74.9952, -20.5179, -11.0312 by changing the saturation by 10% instead.



74.9952, -20.5179,  
-11.0312

74.9952, -20.5179,  
-11.0312

202.6362,  
-34.3383, -9.0958

63.5605, -18.9381,  
-10.9952

99.6808, -23.6243,  
-10.9276

52.7732, -17.3286,  
-10.8974

112.8732,  
-25.1606, -10.7980

42.6763, -15.6782,  
-10.7317

126.6011,  
-26.6911, -10.6203

33.3208, -13.9691,  
-10.4934

140.8444,  
-28.2186, -10.3973

24.7710, -12.1739,  
-10.1799

155.5850,  
-29.7454, -10.1313

17.1113, -10.2462,  
-9.7965

170.8069,

10.4606, -8.5788,

-31.2733, -9.8245

-9.3813

186.4951,  
-32.8039, -9.4788

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 74.9952, -20.5179,  
-11.0312

■ 74.9952, -20.5179,  
-11.0312

■ 72.4712, -22.7845,  
-14.6080

■ 77.7315, -17.5346,  
-7.2911

■ 70.1595, -24.2947,  
-17.9986

■ 80.6692, -13.8815,  
-3.4184

■ 68.0621, -25.0284,  
-21.1776

■ 83.8013, -9.6137,  
0.5628

■ 66.1747, -24.9896,  
-24.1277


■ 87.1186, -4.7877,  
4.6298


■ 64.4854, -24.2170,


■ 90.6113, 0.5405,


-26.8439


8.7628

 62.9945, -22.8991,  
-29.3051

 92.6210, 0.7342,  
11.0261

 93.9274, -1.5009,  
12.4326

 95.2461, -3.7261,  
13.8351

 96.5770, -5.9414,  
15.2336

# Harmonies

## Analogous

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



74.9967, -24.9429, 0.2859



74.9952, -20.5179, -11.0312



74.9967, -11.5824, -18.9829

# Triad

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



74.9967, -20.5185, -11.0300



74.9967, 18.3651, -3.6521



74.9967, -7.8569, 22.2814

# Complementary

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



74.9952, -20.5179, -11.0312



63.5416, 20.7394, 18.1278

# 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.



74.9967, 3.8844, 21.5607



74.9952, -20.5179, -11.0312



74.9967, 19.5147, 7.6900

# Square

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



74.9967, -20.5185, -11.0300



74.9967, 11.0214, -14.2905



74.9967, 14.0724, 16.5850



74.9967, -17.9354, 18.7328



# Rectangle

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



74.9952, -20.5179, -11.0312



74.9967, -4.0296, -20.6831



74.9967, 14.0724, 16.5850



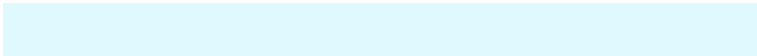
74.9967, -3.9817, 22.5159

# Sweetspot

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



74.9967, -20.5185, -11.0300



95.4245, -11.9620, -0.1918



78.6139, -40.3228, 25.4330



43.9259, -5.8423, -0.3682

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

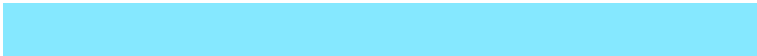


# Same Dimension

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



74.9967, -20.5185, -11.0300



83.6446, -25.6882, -15.9694



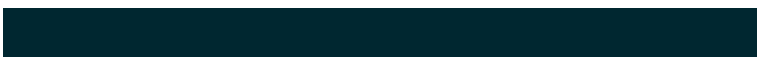
60.9334, 1.6477, -32.4362



38.8770, -4.2714, 0.4138



47.7521, -17.5277, -21.8487



13.0176, -5.2078, -5.0288



# Inverse Universe

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



61.7265, 41.0157, -19.1892



66.1511, 57.3568, -26.7507



76.1151, -2.4691, 29.0026



37.2685, 2.6936, -0.5040



33.4813, 63.2684, -24.3383

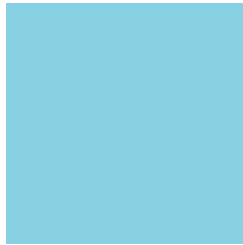


8.8799, 16.8866, -7.2818



# Previews

## White Background



This preview shows how the HunterLab color 74.9952, -20.5179, -11.0312 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

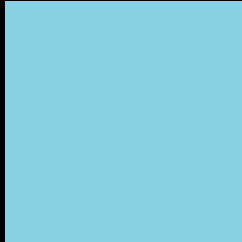
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.9952, -20.5179, -11.0312 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

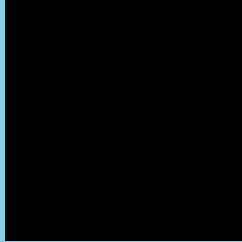
Any Text WCAG AA ✓ Pass

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 74.9952, -20.5179, -11.0312 Background



This preview shows how black text looks on a background with the HunterLab color 74.9952, -20.5179, -11.0312.



This preview shows how white text looks on a background with the HunterLab color 74.9952, -20.5179, -11.0312.

-20.5179, -11.0312.

# 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

74.9952, -20.5179, -11.0312

### Protanopia

74.5046, -0.3193, -6.3364

### Deuteranopia

74.6269, 5.6262, -13.3942



## Tritanopia

74.9952, -20.5179, -11.0312

# Trichromacy



## Original Color

74.9952, -20.5179, -11.0312

## Protanomaly

74.4044, -8.3211, -8.2537

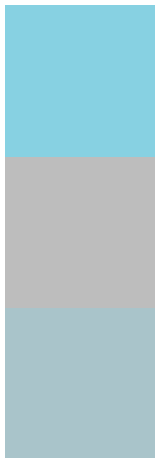
## Deuteranomaly

74.3474, -4.6821, -13.3850

## Tritanomaly

74.9952, -20.5179, -11.0312

# Monochromacy



## Original Color

74.9952, -20.5179, -11.0312

## Achromatopsia

71.3359, -3.8063, 3.8758

## Achromatomaly

72.2351, -10.8561, -1.5426

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.9952, -20.5179, -11.0312 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, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(135, 209, 226)  
}
```

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, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 209, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.9952, -20.5179, -11.0312 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, 209, 226) }
```



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

```
.border{ border-color:rgb(135, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 209, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 209, 226); box-shadow:4px 4px 4px 4px rgb(135, 209, 226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.9952, -20.5179, -11.0312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 209, 226) }
```

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

```
.background{ background-color: rgb(135,  
209, 226) }
```

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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