

# Converting Colors

HunterLab(70.1781, 20.5539,  
-11.6902)

Have a look what the booklet for  
HunterLab(70.1781, 20.5539,  
-11.6902) contains.

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# Color

**HunterLab(70.1396, 20.5368,  
-11.9120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBABD9
RGB	219, 171, 217
RGB Percent	86%, 67%, 85%
CMY	0.1412, 0.3294, 0.1490
CMYK	0.00, 0.22, 0.01, 0.14
HSL	303°, 40%, 76%
HSV	303°, 22%, 86%
XYZ	56.3007, 49.1956, 72.1740
YIQ	190.5960, 13.8420, 24.4820

# Conversions

## Conversions Part 2

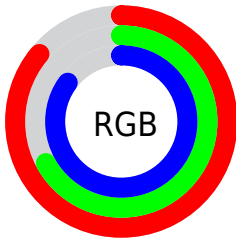
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 171, 217
Decimal	14396377
CIE Lab	75.57, 25.20, -16.50
CIE LCh	76, 30.122, 326.792
Yxy	49.1978, 0.3169, 0.2769
Android (android.graphics.Color)	4292586457 (0xFFDBABD9)
YUV	190.5960, 13.0172, 24.9103
Hunter-Lab	70.1396, 20.5368, -11.9120

# Details

The HunterLab color  $70.1396, 20.5368, -11.9120$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $78.9554, -25.8776, 18.5088$ , and the grayscale version is  $71.9534, -3.8393, 3.9094$ .

A 20% lighter version of the original color is  $91.3335, 9.7261, -4.9659$ , and  $48.4335, 19.5765, -11.6573$  is the 20% darker color. If you saturate the color by 10%, you get  $64.4599, 32.2550, -19.5258$ , and if you desaturate by 10%, it is  $76.2992, 8.9654, -4.3248$ .

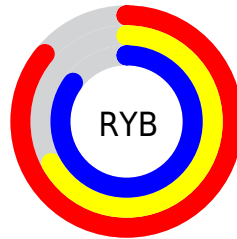
# Distribution



Red (86%)

Green (67%)

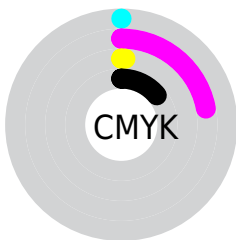
Blue (85%)



Red (86%)

Yellow (67%)

Blue (85%)

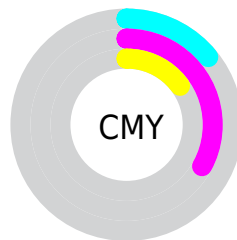


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.1396, 20.5368, -11.9120 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 70.1396, 20.5368, -11.9120 by changing the saturation by 10% instead.



70.1396, 20.5368,  
-11.9120

70.1396, 20.5368,  
-11.9120

195.8368, 22.6826,  
-10.3983

58.9715, 19.9433,  
-11.8192

94.3319, 21.4643,  
-11.9145

48.4672, 19.2548,  
-11.6625

107.2939, 21.8172,  
-11.8349

38.6733, 18.4571,  
-11.4360

120.8006, 22.1034,  
-11.7053

29.6457, 17.5359,  
-11.1366

134.8308, 22.3278,  
-11.5287

21.4560, 16.4742,  
-10.7656

149.3657, 22.4945,  
-11.3076

14.2008, 15.2580,  
-10.3423

164.3884, 22.6072,

7.8556, 14.7818,

-11.0441

-10.4031

179.8834, 22.6689,  
-10.7404

0.0000, INF, -NF

0.0000, NaN, NaN

■ 70.1396, 20.5368,  
-11.9120

■ 70.1396, 20.5368,  
-11.9120

■ 64.4599, 32.2550,  
-19.5258

■ 76.2992, 8.9654,  
-4.3248

■ 59.3357, 43.9245,  
-27.0274

■ 82.8658, -2.3542,  
3.1550

■ 54.8581, 55.1974,  
-34.1788

■ 89.7840, -13.3889,  
10.4963

■ 51.1183, 65.5587,  
-40.6381

■ 95.8030, -22.3656,  
16.4571

■ 48.1949, 74.3579,

■ 95.8284, -22.2219,

-45.9840

16.0917

■ 46.1312, 80.9463,  
-49.8085

■ 95.8540, -22.0774,  
15.7245

■ 44.9078, 84.9140,  
-51.8703

■ 95.8797, -21.9323,  
15.3556

■ 44.3928, 86.4913,  
-52.4554

■ 95.9055, -21.7864,  
14.9848

■ 95.9314, -21.6399,  
14.6123

# Harmonies

## Analogous

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



70.1411, 8.9613, -23.4796



70.1396, 20.5368, -11.9120



70.1411, 25.5800, 2.3523

# Triad

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



70.1411, 20.5348, -11.9105



70.1411, -2.2153, 25.0778



70.1411, -26.4464, -8.8974

# Complementary

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



70.1396, 20.5368, -11.9120



78.9554, -25.8776, 18.5088

# 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.



70.1411, -28.9276, 5.2527



70.1396, 20.5368, -11.9120



70.1411, -15.6091, 23.2360

# Square

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



70.1411, 20.5348, -11.9105



70.1411, 11.8068, 22.2248



70.1411, -25.1165, 16.5803



70.1411, -18.0522, -21.5115



# Rectangle

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



70.1396, 20.5368, -11.9120



70.1411, 24.2878, 10.9002



70.1411, -25.1165, 16.5803



70.1411, -27.9693, -4.0896

# Sweetspot

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



70.1411, 20.5348, -11.9105



94.3861, 4.0801, -0.8038



65.6365, 6.1455, -19.9862



43.4481, 2.2669, -0.6224

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.1411, 20.5348, -11.9105



80.3552, 30.3839, -18.0514



69.3226, 16.3106, -0.3507



36.4211, 2.8662, -1.1485



34.1898, 66.6221, -40.4722



8.7194, 17.0166, -10.5236



# Inverse Universe

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



70.1411, 20.5348, -11.9105



80.3552, 30.3839, -18.0514



79.5835, -22.2796, 9.4728



36.4211, 2.8662, -1.1485



34.1898, 66.6221, -40.4722

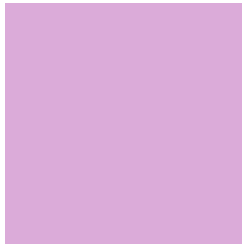


8.7194, 17.0166, -10.5236



# Previews

## White Background



This preview shows how the HunterLab color 70.1396, 20.5368, -11.9120 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

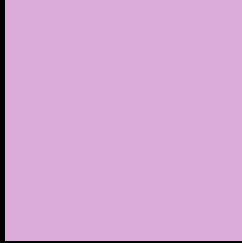
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.1396, 20.5368, -11.9120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

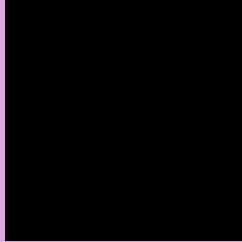
Any Text WCAG AA ✓ Pass

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 70.1396, 20.5368, -11.9120 Background



This preview shows how black text looks on a background with the HunterLab color 70.1396, 20.5368, -11.9120.



This preview shows how white text looks on a background with the HunterLab color 70.1396, 20.5368, -11.9120.

-11.9120.

# 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

70.1396, 20.5368, -11.9120

### Protanopia

70.3818, 1.6312, -17.2148

### Deuteranopia

70.3126, 5.1037, -10.7959



## Tritanopia

70.1537, 11.6877, 2.2616

# Trichromacy



## Original Color

70.1396, 20.5368, -11.9120

## Protanomaly

70.1261, 8.0596, -15.6720

## Deuteranomaly

70.1542, 10.5626, -11.4914

## Tritanomaly

70.0294, 14.7856, -2.8531

# Monochromacy



## Original Color

70.1396, 20.5368, -11.9120

## Achromatopsia

72.1800, -3.8513, 3.9217

## Achromatomaly

71.3222, 4.4599, -1.3986

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.1396, 20.5368, -11.9120 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(219, 171, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 171, 217)  
}
```

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(219, 171, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 171, 217) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.1396, 20.5368, -11.9120 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(219, 171, 217) }
```



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

```
.border{ border-color:rgb(219, 171, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 171, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 171, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 171, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 171,  
217) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.1396, 20.5368, -11.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 171, 217) }
```

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

```
.background{ background-color: rgb(219,  
171, 217) }
```

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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