

# Converting Colors

HunterLab(70.8719, -20.4443,  
-2.7117)

Have a look what the booklet for  
HunterLab(70.8719, -20.4443,  
-2.7117) contains.

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# Color

**HunterLab(70.9805,  
-20.3994, -2.7766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89C7C9
RGB	137, 199, 201
RGB Percent	54%, 78%, 79%
CMY	0.4627, 0.2196, 0.2118
CMYK	0.32, 0.01, 0.00, 0.21
HSL	182°, 37%, 66%
HSV	182°, 32%, 79%
XYZ	41.2826, 50.3823, 62.8073
YIQ	180.6900, -37.5940, -12.5220

# Conversions

## Conversions Part 2

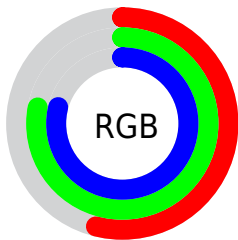
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 168, 201
Decimal	9029577
CIELab	76.30, -19.20, -7.34
CIELCh	76, 20.558, 200.924
Yxy	50.3843, 0.2673, 0.3262
Android (android.graphics.Color)	4287219657 (0xFF89C7C9)
YUV	180.6900, 10.0128, -38.3161
Hunter-Lab	70.9805, -20.3994, -2.7766

# Details

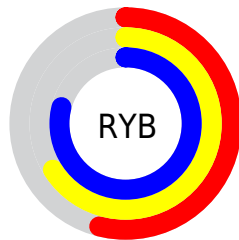
The HunterLab color **70.9805, -20.3994, -2.7766** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.1746, 18.0692, 11.0033**, and the grayscale version is **67.8187, -3.6186, 3.6847**.

A 20% lighter version of the original color is **94.8401, -23.7797, -1.1210**, and **49.2364, -17.1076, -3.2005** is the 20% darker color. If you saturate the color by 10%, you get **69.6798, -24.2202, -4.5073**, and if you desaturate by 10%, it is **72.4800, -15.9265, -0.8201**.

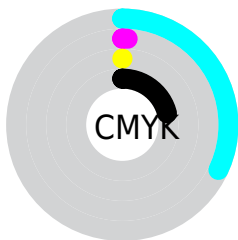
# Distribution



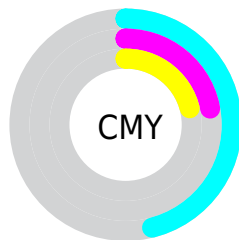
- Red (54%)
- Green (78%)
- Blue (79%)



- Red (54%)
- Yellow (66%)
- Blue (79%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (22%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.9805, -20.3994, -2.7766 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 70.9805, -20.3994, -2.7766 by changing the saturation by 10% instead.



■ 70.9805, -20.3994,  
-2.7766

■ 70.9805, -20.3994,  
-2.7766

197.0195,  
-34.4344, 1.6015

■ 59.7653, -18.7824,  
-3.0508

■ 95.2597, -23.5686,  
-2.0790

■ 49.2109, -17.1298,  
-3.2716

■ 108.2622,  
-25.1318, -1.6646

■ 39.3634, -15.4284,  
-3.4322

■ 121.8078,  
-26.6869, -1.2097

■ 30.2777, -13.6569,  
-3.5253

135.8755,  
-28.2372, -0.7167

■ 22.0239, -11.7815,  
-3.5415

150.4466,  
-29.7852, -0.1874

■ 14.6963, -9.7433,  
-3.4683

165.5042,

■ 8.3544, -10.4620,

-31.3330, 0.3763

-3.4306

181.0332,  
-32.8822, 0.9731

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.9805, -20.3994,  
-2.7766

■ 70.9805, -20.3994,  
-2.7766

■ 69.6798, -24.2202,  
-4.5073

■ 72.4800, -15.9265,  
-0.8201

■ 68.5720, -27.3610,  
-6.0045

■ 74.1731, -10.8366,  
1.3442

■ 67.6537, -29.8132,  
-7.2618

■ 76.0583, -5.1771,  
3.6997

■ 66.9167, -31.5868,  
-8.2804

■ 78.1305, 1.0002,  
6.2273

■ 66.3484, -32.7146,

■ 80.3839, 7.6414,

-9.0697

8.9075

■ 65.9306, -33.2574,  
-9.6496

■ 82.5104, 13.7143,  
11.3746

■ 65.6698, -33.3864,  
-10.0098

■ 82.6898, 13.3770,  
11.5655

■ 82.8697, 13.0399,  
11.7564

■ 83.0498, 12.7030,  
11.9472

# Harmonies

## Analogous

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



70.9819, -21.3010, 6.6083



70.9805, -20.3994, -2.7766



70.9819, -15.1795, -11.3512

# Triad

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



70.9819, -20.4002, -2.7755



70.9819, 11.2902, -8.2665



70.9819, -0.8225, 19.2581

# Complementary

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



70.9805, -20.3994, -2.7766



57.1746, 18.0692, 11.0033

# 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.



70.9819, 8.3636, 16.3136



70.9805, -20.3994, -2.7766



70.9819, 15.5998, 1.0051

# Square

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



70.9819, -20.4002, -2.7755



70.9819, 2.9996, -14.8056



70.9819, 14.5010, 9.9178



70.9819, -10.3360, 18.5302



# Rectangle

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



70.9805, -20.3994, -2.7766



70.9819, -9.7898, -15.0520



70.9819, 14.5010, 9.9178



70.9819, 2.4135, 18.6814

# Sweetspot

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



70.9819, -20.4002, -2.7755



97.4544, -12.9713, 2.2657



69.9497, -31.0653, 22.1559



44.9308, -6.4703, 0.8514

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.9819, -20.4002, -2.7755



91.7085, -30.1350, -5.1815



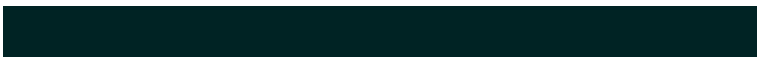
61.2513, -5.6275, -15.8456



34.6534, -4.4085, 0.8859



52.0974, -26.5038, -7.9030



11.4165, -5.8637, -1.6116



# Inverse Universe

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



58.6801, 29.1559, -17.9279



72.6461, 47.4492, -29.5520



65.5738, 2.2727, 19.0461



32.8796, 2.5491, -1.0444



32.0623, 62.6183, -39.0533

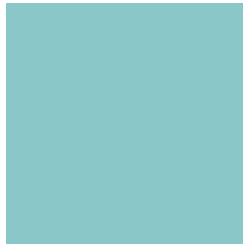


6.9900, 13.6715, -8.6691



# Previews

## White Background



This preview shows how the HunterLab color 70.9805, -20.3994, -2.7766 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

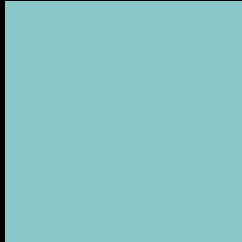
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.9805, -20.3994, -2.7766 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

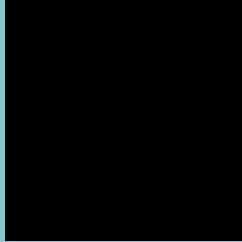
Any Text WCAG AA ✓ Pass

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 70.9805, -20.3994, -2.7766 Background



This preview shows how black text looks on a background with the HunterLab color 70.9805, -20.3994, -2.7766.



This preview shows how white text looks on a background with the HunterLab color 70.9805,

-20.3994, -2.7766.

# 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

70.9805, -20.3994, -2.7766

### Protanopia

70.5598, -1.6187, 1.0564

### Deuteranopia

70.6183, 5.4206, -4.8828



## Tritanopia

70.9310, -16.4426, -9.2000

# Trichromacy



## Original Color

70.9805, -20.3994, -2.7766

## Protanomaly

70.5643, -9.2196, -0.5605

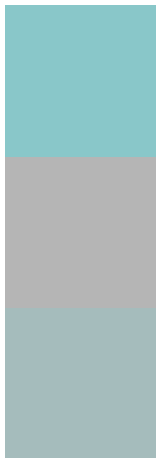
## Deuteranomaly

70.3961, -4.5583, -4.8161

## Tritanomaly

71.0497, -17.9395, -6.8711

# Monochromacy



## Original Color

70.9805, -20.3994, -2.7766

## Achromatopsia

67.9762, -3.6270, 3.6933

## Achromatomaly

68.9903, -10.5717, 1.4390

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.9805, -20.3994, -2.7766 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(137, 199, 201)` looks like.

```
.text, #text, p{  
    color:rgb(137, 199, 201)  
}
```

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(137, 199, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 199, 201) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.9805, -20.3994, -2.7766 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(137, 199, 201) }
```



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

```
.border{ border-color:rgb(137, 199, 201) }
```

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

Here you see how a box with a 4 pixel rgb(137, 199, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(137, 199,  
201) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.9805, -20.3994, -2.7766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 199, 201) }
```

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

```
.background{ background-color: rgb(137,  
199, 201) }
```

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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