

Converting Colors

HunterLab(73.0970, -5.9477,
21.8748)

Have a look what the booklet for
HunterLab(73.0970, -5.9477,
21.8748) contains.

HunterLab(73.0970, -5.9477, 21.8748)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(73.0970, -5.9477,
21.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC195
RGB	206, 193, 149
RGB Percent	81%, 76%, 58%
CMY	0.1922, 0.2431, 0.4157
CMYK	0.00, 0.06, 0.28, 0.19
HSL	46°, 37%, 70%
HSV	46°, 28%, 81%
XYZ	49.9484, 53.4317, 36.1147
YIQ	191.8710, 21.8720, -10.9280

Conversions

Conversions Part 2

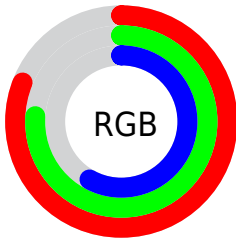
Format	Color
R _Y B	166, 206, 149
Decimal	13549973
CIE Lab	78.13, -2.24, 23.85
CIE LCh	78, 23.955, 95.373
Yxy	53.4341, 0.3581, 0.3830
Android (android.graphics.Color)	4291740053 (0xFFCEC195)
YUV	191.8710, -21.1354, 12.3911
Hunter-Lab	73.0970, -5.9477, 21.8748

Details

The HunterLab color **73.0970, -5.9477, 21.8748** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.5686, 1.4410, -19.8127**, and the grayscale version is **72.6295, -3.8753, 3.9461**.

A 20% lighter version of the original color is **96.6039, -10.3439, 24.6694**, and **51.2028, -4.7344, 18.0877** is the 20% darker color. If you saturate the color by 10%, you get **71.2667, -5.9308, 26.7047**, and if you desaturate by 10%, it is **75.0074, -5.6167, 16.2155**.

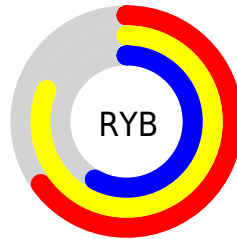
Distribution



Red (81%)

Green (76%)

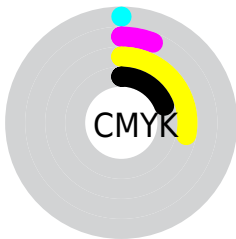
Blue (58%)



Red (65%)

Yellow (81%)

Blue (58%)

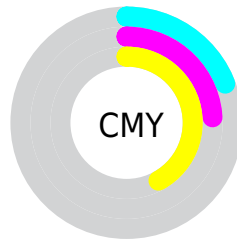


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (19%)



Cyan (19%)

Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.0970, -5.9477, 21.8748 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 73.0970, -5.9477, 21.8748 by changing the saturation by 10% instead.

■ 73.0970, -5.9477,
21.8748

■ 73.0970, -5.9477,
21.8748

199.9871,
-13.5504, 37.8518

■ 61.7652, -5.2317,
19.9736

■ 97.5925, -7.4673,
25.5559

■ 51.0869, -4.5413,
18.0123

■ 110.6959, -8.2647,
27.3526

■ 41.1066, -3.8797,
15.9718

124.3383, -9.0871,
29.1292

■ 31.8770, -3.2476,
13.8234

138.4992, -9.9336,
30.8906

■ 23.4651, -2.6452,
11.5235

153.1604,
-10.8038, 32.6406

■ 15.9599, -2.0723,
9.2474

168.3052,

■ 9.4878, -1.5384,

-11.6971, 34.3825

6.6415

183.9186,
-12.6128, 36.1188

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.0970, -5.9477,
21.8748

■ 73.0970, -5.9477,
21.8748

■ 71.2667, -5.9308,
26.7047

■ 75.0074, -5.6167,
16.2155

■ 69.5129, -5.5544,
30.6825

■ 76.9913, -4.9388,
9.7511

■ 67.8378, -4.8203,
33.7984

■ 79.0486, -3.9267,
2.5144

■ 66.2414, -3.7335,
36.0552

■ 81.1769, -2.5927,
-5.4599

■ 64.7224, -2.3065,

■ 83.3741, -0.9499,

37.4733

-14.1351

■ 63.2782, -0.5612,
38.0987

■ 84.9425, -2.7921,
-13.7441

■ 61.9023, 1.4582,
38.0374

■ 86.4118, -5.2430,
-11.7588

■ 61.5874, 1.9460,
37.9839

■ 87.8963, -7.6788,
-9.7903

■ 89.3956, -10.0998,
-7.8386

Harmonies

Analogous

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



73.0987, 5.4763, 20.5396



73.0970, -5.9477, 21.8748



73.0987, -16.1910, 19.0492

Triad

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



73.0987, -5.9500, 21.8757



73.0987, -20.9672, -9.1809



73.0987, 17.1551, -5.2750

Complementary

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



73.0970, -5.9477, 21.8748



60.5686, 1.4410, -19.8127

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.



73.0987, 9.2517, -15.1926



73.0970, -5.9477, 21.8748



73.0987, -12.8344, -17.6792

Square

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



73.0987, -5.9500, 21.8757



73.0987, -24.5138, 1.9950



73.0987, -1.8358, -20.0323



73.0987, 19.2764, 5.9089

Rectangle

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



73.0970, -5.9477, 21.8748



73.0987, -21.1159, 14.8846



73.0987, -1.8358, -20.0323



73.0987, 15.0637, -8.9184

Sweetspot

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



73.0987, -5.9500, 21.8757



97.8894, -6.3324, 12.7864



61.0219, 18.2626, 4.5722



45.1077, -3.0020, 6.5223

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.0987, -5.9500, 21.8757



91.6946, -7.6149, 31.5045



75.7385, -17.2196, 24.1090



35.5612, -2.3568, 5.0663



48.4853, 1.2531, 29.8983



11.4967, -0.5403, 7.0748

Inverse Universe

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



60.5686, 1.4410, -19.8127



72.5970, 3.8435, -32.4650



58.1943, 12.3862, -23.4163



33.5441, -1.2006, -1.5697



20.2898, 30.8823, -92.0266



5.7521, 3.8534, -15.5080

Previews

White Background



This preview shows how the HunterLab color 73.0970, -5.9477, 21.8748 looks on a white background.

Color Contrast Check

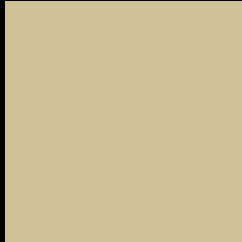
Large Text (above 18pt) WCAG AA × Fail

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 73.0970, -5.9477, 21.8748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

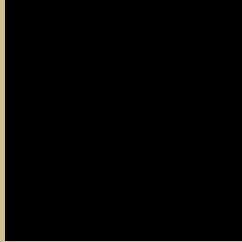
Any Text WCAG AA ✓ Pass

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 73.0970, -5.9477, 21.8748 Background



This preview shows how black text looks on a background with the HunterLab color 73.0970, -5.9477, 21.8748.



This preview shows how white text looks on a background with the HunterLab color 73.0970, -5.9477,

21.8748.

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

73.0970, -5.9477, 21.8748

Protanopia

73.0970, -5.9477, 21.8748

Deuteranopia

72.8705, 5.4847, 21.1767



Tritanopia

73.0287, 7.2514, 0.2642

Trichromacy



Original Color

73.0970, -5.9477, 21.8748

Protanomaly

73.0970, -5.9477, 21.8748

Deuteranomaly

72.9579, 1.2645, 21.5298

Tritanomaly

73.1261, 1.9375, 9.2115

Monochromacy



Original Color

73.0970, -5.9477, 21.8748

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

72.5976, -4.8160, 11.1049

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.0970, -5.9477, 21.8748 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(206, 193, 149)` looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 149)  
}
```

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(206, 193, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 73.0970, -5.9477, 21.8748 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(206, 193, 149) }
```


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

```
.border{ border-color:rgb(206, 193, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 149);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.0970, -5.9477, 21.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 149) }
```

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

```
.background{ background-color: rgb(206,  
193, 149) }
```

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