

Converting Colors

HunterLab(75.1809, -4.0299,
5.0419)

Have a look what the booklet for
HunterLab(75.1809, -4.0299, 5.0419)
contains.

HunterLab(75.1770, -4.0283, 5.0651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(75.1770, -4.0283,
5.0651)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C6C4
RGB	199, 198, 196
RGB Percent	78%, 78%, 77%
CMY	0.2196, 0.2235, 0.2314
CMYK	0.00, 0.01, 0.02, 0.22
HSL	40°, 3%, 77%
HSV	40°, 2%, 78%
XYZ	53.7111, 56.5158, 60.3024
YIQ	198.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

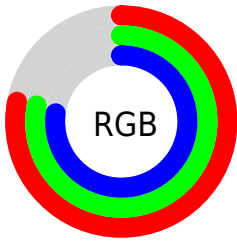
Format	Color
R_{YB}	198, 199, 196
Decimal	13092548
CIE Lab	79.91, -0.02, 1.11
CIE LCh	80, 1.114, 90.819
Yxy	56.5182, 0.3150, 0.3314
Android (android.graphics.Color)	4291282628 (0xFFC7C6C4)
YUV	198.0710, -1.0210, 0.8147
Hunter-Lab	75.1770, -4.0283, 5.0651

Details

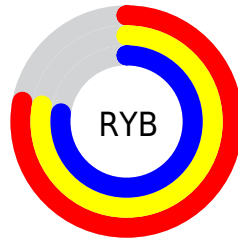
The HunterLab color $75.1770, -4.0283, 5.0651$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74.6935, -3.9601, 3.0658$, and the grayscale version is $75.1828, -4.0116, 4.0848$.

A 20% lighter version of the original color is $99.9359, -5.6870, 6.3478$, and $52.8387, -2.8344, 3.7936$ is the 20% darker color. If you saturate the color by 10%, you get $72.6049, -3.8454, 11.0867$, and if you desaturate by 10%, it is $77.8293, -3.9248, -1.5505$.

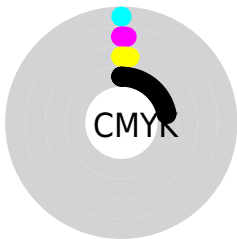
Distribution



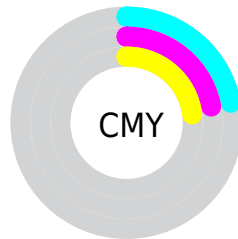
- Red (78%)
- Green (78%)
- Blue (77%)



- Red (78%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.1770, -4.0283, 5.0651 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 75.1770, -4.0283, 5.0651 by changing the saturation by 10% instead.

■ 75.1770, -4.0283,
5.0651

■ 75.1770, -4.0283,
5.0651

202.8895,
-10.8571, 12.4045

■ 63.7327, -3.4180,
4.3904

99.8809, -5.3509,
6.5089

■ 52.9350, -2.8404,
3.7465

113.0817, -6.0567,
7.2733

■ 42.8271, -2.2997,
3.1362

126.8177, -6.7910,
8.0649

■ 33.4597, -1.7984,
2.5615

141.0688, -7.5528,
8.8830

■ 24.8968, -1.3400,
2.0242

155.8171, -8.3411,
9.7268

■ 17.2225, -0.9289,
1.5268

171.0462, -9.1551,

■ 10.5551, -0.5714,

10.5954

1.0717

186.7415, -9.9940,
11.4881

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1770, -4.0283,
5.0651

■ 75.1770, -4.0283,
5.0651

■ 72.6049, -3.8454,
11.0867

■ 77.8293, -3.9248,
-1.5505

■ 70.1119, -3.3553,
16.4706

■ 80.5530, -3.5455,
-8.7242

■ 67.7038, -2.5457,
21.1779

■ 83.3189, -3.0564,
-16.0359

■ 65.3845, -1.4043,
25.1710

■ 85.3899, -6.4909,
-13.1871

■ 63.1577, 0.0781,

■ 87.4909, -9.8950,

28.4163

-10.3746

■ 61.0268, 1.9061,
30.8880

■ 89.6206, -13.2689,
-7.5978

■ 58.9947, 4.0780,
32.5726

■ 91.7779, -16.6133,
-4.8559

■ 57.0632, 6.5830,
33.4758

■ 93.9616, -19.9287,
-2.1479

■ 55.2321, 9.3979,
33.6334

■ 95.3322, -21.9759,
-0.4809

Harmonies

Analogous

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



75.1786, -3.5120, 4.9435



75.1770, -4.0283, 5.0651



75.1786, -4.5429, 4.9296

Triad

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



75.1786, -4.0301, 5.0663



75.1786, -4.8988, 3.5879



75.1786, -3.1131, 3.6124

Complementary

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



75.1770, -4.0283, 5.0651



74.6935, -3.9601, 3.0658

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.



75.1786, -3.4864, 3.2450



75.1770, -4.0283, 5.0651



75.1786, -4.5174, 3.2308

Square

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



75.1786, -4.0301, 5.0663



75.1786, -5.0435, 4.0782



75.1786, -4.0006, 3.1048



75.1786, -2.9816, 4.1062

Rectangle

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



75.1770, -4.0283, 5.0651



75.1786, -4.8129, 4.7092



75.1786, -4.0006, 3.1048



75.1786, -3.2145, 3.4699

Sweetspot

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



75.1786, -4.0301, 5.0663

100.0000, -5.3358, 5.4332



74.6017, -2.8493, 3.9371



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

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



75.1786, -4.0301, 5.0663



99.2974, -5.3296, 7.1396



75.4368, -4.6909, 5.3547



35.2613, -1.8919, 2.4887



43.2921, 9.2271, 26.8379



10.0817, 0.7791, 6.2260

Inverse Universe

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



74.6935, -3.9601, 3.0658



98.4336, -5.2049, 3.5776



74.4360, -3.2997, 2.7704



34.9778, -1.8510, 1.3197



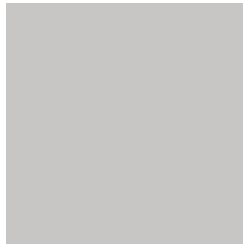
23.0429, 21.3202, -74.8259



6.2056, 1.9014, -11.8611

Previews

White Background



This preview shows how the HunterLab color 75.1770, -4.0283, 5.0651 looks on a white background.

Color Contrast Check

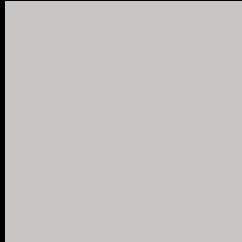
Large Text (above 18pt) WCAG AA × Fail

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 75.1770, -4.0283, 5.0651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

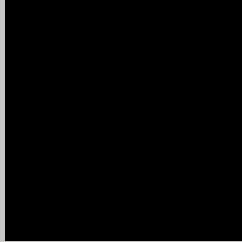
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

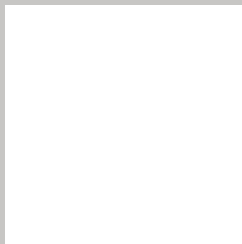
Any Text WCAG AAA ✓ Pass

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

HunterLab 75.1770, -4.0283, 5.0651 Background



This preview shows how black text looks on a background with the HunterLab color 75.1770, -4.0283, 5.0651.

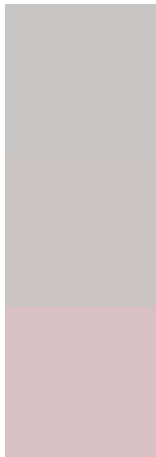


This preview shows how white text looks on a background with the HunterLab color 75.1770, -4.0283, 5.0651.

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

75.1770, -4.0283, 5.0651

Protanopia

75.1194, -2.7304, 5.4902

Deuteranopia

75.1546, 5.1498, 4.7274



Tritanopia

75.2333, 0.2242, -2.2056

Trichromacy



Original Color

75.1770, -4.0283, 5.0651

Protanomaly

75.0268, -3.0511, 5.3772

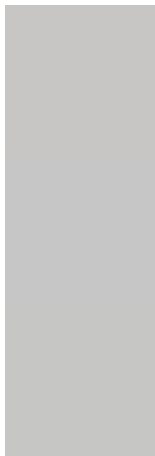
Deuteranomaly

75.0443, 1.7506, 4.5386

Tritanomaly

75.2782, -1.4955, 0.3693

Monochromacy



Original Color

75.1770, -4.0283, 5.0651

Achromatopsia

75.1473, -4.0097, 4.0829

Achromatomaly

75.1167, -4.1774, 4.5197

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.1770, -4.0283, 5.0651 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(199, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 196)  
}
```

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(199, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 75.1770, -4.0283, 5.0651 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(199, 198, 196) }
```

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

```
.border{ border-color:rgb(199, 198, 196) }
```

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

Here you see how a box with a 4 pixel rgb(199, 198, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
196) }
```


Background

The CSS property to change the background color of an element to HunterLab 75.1770, -4.0283, 5.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 196) }
```

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

```
.background{ background-color: rgb(199,  
198, 196) }
```

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