

Converting Colors

HunterLab(72.4411, -27.5972,
5.6737)

Have a look what the booklet for
HunterLab(72.4411, -27.5972,
5.6737) contains.

HunterLab(72.4405, -27.5990, 5.6753)	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(72.4405,
-27.5990, 5.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	82CEBB
RGB	130, 206, 187
RGB Percent	51%, 81%, 73%
CMY	0.4902, 0.1921, 0.2667
CMYK	0.37, 0.00, 0.09, 0.19
HSL	165°, 44%, 66%
HSV	165°, 37%, 81%
XYZ	40.2468, 52.4763, 55.0214
YIQ	181.1100, -39.1970, -22.0210

Conversions

Conversions Part 2

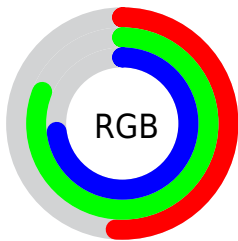
Format	Color
RYB	130, 173, 206
Decimal	8572603
CIELab	77.57, -27.83, 2.02
CIELCh	78, 27.907, 175.853
Yxy	52.4784, 0.2724, 0.3552
Android (android.graphics.Color)	4286762683 (0xFF82CEBB)
YUV	181.1100, 2.9038, -44.8235
Hunter-Lab	72.4405, -27.5990, 5.6753

Details

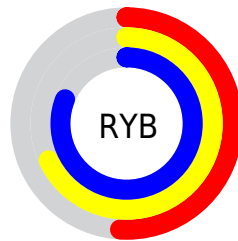
The HunterLab color $72.4405, -27.5990, 5.6753$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $55.9092, 26.2354, 4.7550$, and the grayscale version is $68.0236, -3.6296, 3.6959$.

A 20% lighter version of the original color is $94.0373, -27.5405, 4.0011$, and $50.3894, -23.1777, 4.1058$ is the 20% darker color. If you saturate the color by 10%, you get $71.2688, -32.4094, 6.5979$, and if you desaturate by 10%, it is $73.8230, -22.0935, 4.9798$.

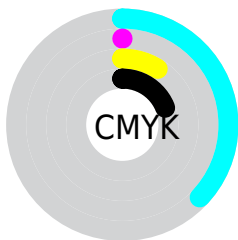
Distribution



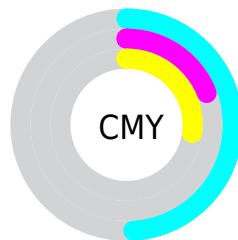
- Red (51%)
- Green (81%)
- Blue (73%)



- Red (51%)
- Yellow (68%)
- Blue (81%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)





- Cyan (49%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.4405, -27.5990, 5.6753 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 72.4405, -27.5990, 5.6753 by changing the saturation by 10% instead.


 72.4405, -27.5990,
5.6753


 72.4405, -27.5990,
5.6753


199.0680,
-45.0355, 13.2782


 61.1445, -25.5036,
4.9636


 96.8692, -31.6445,
7.1864

 50.5044, -23.3384,
4.2805


 109.9415,
-33.6132, 7.9821

 40.5649, -21.0821,
3.6280


 123.5540,
-35.5560, 8.8038

 31.3796, -18.7019,
3.0071


137.6862,
-37.4780, 9.6508

 23.0163, -16.1465,
2.4184

152.3196,
-39.3838, 10.5223

 15.5655, -13.3285,
1.8621

167.4375,

 9.1521, -13.7410,

-41.2768, 11.4178

1.4121

183.0248,
-43.1599, 12.3366

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.4405, -27.5990,
5.6753

■ 72.4405, -27.5990,
5.6753

■ 71.2688, -32.4094,
6.5979

■ 73.8230, -22.0935,
4.9798

■ 70.3000, -36.4943,
7.7310

■ 75.4124, -15.9329,
4.5165

■ 69.5283, -39.8461,
9.0561

■ 77.2082, -9.1715,
4.2890

■ 68.9427, -42.4795,
10.5479


■ 79.2062, -1.8691,
4.2952


■ 68.5270, -44.4368,


■ 81.4005, 5.9115,


12.1754


4.5293

 68.2564, -45.8028,
13.8989

 83.7841, 14.1078,
4.9820

 68.1866, -46.1678,
14.4357

 84.1042, 15.4738,
2.8530

 84.2718, 16.3514,
0.4681

 84.4441, 17.2518,
-1.9790

Harmonies

Analogous

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



72.4420, -23.7980, 16.2863



72.4405, -27.5990, 5.6753



72.4420, -25.4289, -7.4587

Triad

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



72.4420, -27.5999, 5.6762



72.4420, 7.5955, -21.4742



72.4420, 11.0151, 21.2908

Complementary

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



72.4405, -27.5990, 5.6753



55.9092, 26.2354, 4.7550

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.



72.4420, 20.5498, 13.7484



72.4405, -27.5990, 5.6753



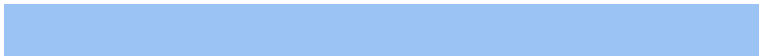
72.4420, 18.4779, -11.0454

Square

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



72.4420, -27.5999, 5.6762



72.4420, -5.7048, -24.6800



72.4420, 23.3738, 2.1663



72.4420, -2.0152, 24.2134

Rectangle

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



72.4405, -27.5990, 5.6753



72.4420, -20.7964, -15.7232



72.4420, 23.3738, 2.1663



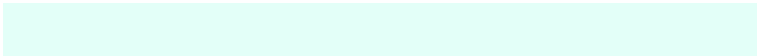
72.4420, 14.7708, 19.2861

Sweetspot

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



72.4420, -27.5999, 5.6762



97.2724, -15.4144, 5.5455



72.2951, -30.8928, 26.6864



44.8574, -7.6785, 2.5838

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.4420, -27.5999, 5.6762



91.0412, -39.8969, 8.0977



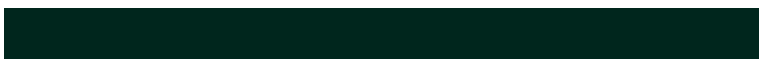
67.2937, -15.9369, -10.2626



35.6051, -5.0631, 2.0061



53.5207, -36.1350, 11.1089



12.2042, -7.9154, 1.8328

Inverse Universe

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



55.9092, 26.2354, 4.7550



66.1661, 41.6748, 7.0425



59.8592, 14.6236, 16.2218



33.5543, 1.5284, 1.8450



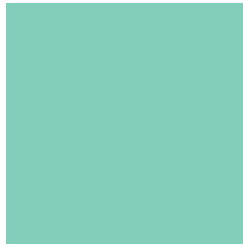
28.7110, 49.7368, 14.1462



6.6166, 11.6479, 1.8202

Previews

White Background



This preview shows how the HunterLab color 72.4405, -27.5990, 5.6753 looks on a white background.

Color Contrast Check

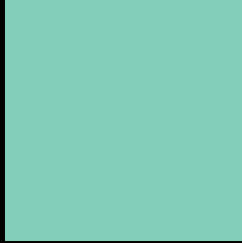
Large Text (above 18pt) WCAG AA × Fail

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 72.4405, -27.5990, 5.6753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

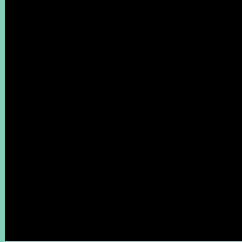
Any Text WCAG AA ✓ Pass

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 72.4405, -27.5990, 5.6753 Background



This preview shows how black text looks on a background with the HunterLab color 72.4405, -27.5990, 5.6753.



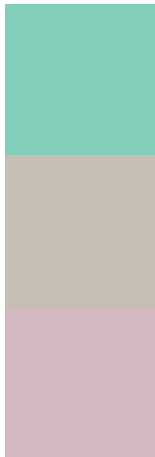
This preview shows how white text looks on a background with the HunterLab color 72.4405,

-27.5990, 5.6753.

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

72.4405, -27.5990, 5.6753

Protanopia

72.0497, -3.5141, 9.6749

Deuteranopia

72.1213, 5.0799, 4.0089



Tritanopia

72.5406, -18.4494, -9.8374

Trichromacy



Original Color

72.4405, -27.5990, 5.6753



Protanomaly

71.9029, -13.3375, 8.0252



Deuteranomaly

71.8059, -8.3608, 3.8761



Tritanomaly

72.3085, -21.7484, -4.2280

Monochromacy



Original Color

72.4405, -27.5990, 5.6753



Achromatopsia

67.9762, -3.6270, 3.6933



Achromatomaly

69.2295, -13.2179, 4.0597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.4405, -27.5990, 5.6753 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(130, 206, 187)` looks like.

```
.text, #text, p{  
    color:rgb(130, 206, 187)  
}
```

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(130, 206, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 206, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 72.4405, -27.5990, 5.6753 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(130, 206, 187) }
```


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

```
.border{ border-color:rgb(130, 206, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 206, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 206, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 206, 187);  
box-shadow:4px 4px 4px 4px rgb(130, 206,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.4405, -27.5990, 5.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 206, 187) }
```

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

```
.background{ background-color: rgb(130,  
206, 187) }
```

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