

Converting Colors

HunterLab(72.7780, 12.7530,
-17.7770)

Have a look what the booklet for
HunterLab(72.7780, 12.7530,
-17.7770) contains.

HunterLab(72.7131, 12.9120, -17.8280)	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(72.7131, 12.9120,
-17.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB7E9
RGB	206, 183, 233
RGB Percent	81%, 72%, 91%
CMY	0.1921, 0.2823, 0.0863
CMYK	0.12, 0.21, 0.00, 0.09
HSL	268°, 53%, 82%
HSV	268°, 21%, 91%
XYZ	57.0950, 52.8719, 84.2868
YIQ	195.5770, -2.3420, 20.4260

Conversions

Conversions Part 2

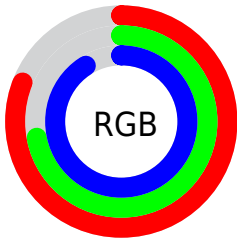
Format	Color
R _Y B	206, 183, 233
Decimal	13547497
CIE Lab	77.80, 17.57, -21.91
CIE LCh	78, 28.089, 308.725
Yxy	52.8742, 0.2939, 0.2722
Android (android.graphics.Color)	4291737577 (0xFFCEB7E9)
YUV	195.5770, 18.4495, 9.1410
Hunter-Lab	72.7131, 12.9120, -17.8280

Details

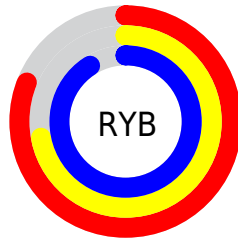
The HunterLab color $72.7131, 12.9120, -17.8280$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $86.8330, -19.8474, 22.5674$, and the grayscale version is $74.0443, -3.9508, 4.0230$.

A 20% lighter version of the original color is $94.9805, 3.2181, -0.4744$, and $50.7138, 12.2006, -17.1659$ is the 20% darker color. If you saturate the color by 10%, you get $65.0501, 21.5180, -29.8050$, and if you desaturate by 10%, it is $80.7269, 4.5347, -6.7971$.

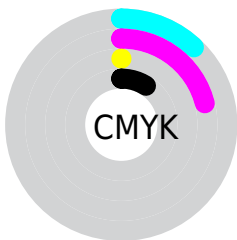
Distribution



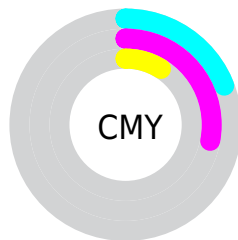
- Red (81%)
- Green (72%)
- Blue (91%)



- Red (81%)
- Yellow (72%)
- Blue (91%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.7131, 12.9120, -17.8280 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 72.7131, 12.9120, -17.8280 by changing the saturation by 10% instead.

■ 72.7131, 12.9120,
-17.8280

■ 72.7131, 12.9120,
-17.8280

199.4498, 12.3663,
-17.7445

■ 61.4022, 12.6755,
-17.5678

■ 97.1695, 13.1694,
-18.1638

■ 50.7462, 12.3598,
-17.2460

110.2548, 13.2054,
-18.2484

■ 40.7897, 11.9528,
-16.8605

123.8798, 13.1856,
-18.2808

■ 31.5860, 11.4412,
-16.4153

138.0239, 13.1138,
-18.2635

■ 23.2024, 10.8071,
-15.9264

152.6688, 12.9933,
-18.1991

■ 15.7290, 10.0269,
-15.4458

167.7979, 12.8269,

■ 9.2929, 9.0774,

-18.0898

-15.1559

183.3961, 12.6172,
-17.9377

0.0000, INF, -NF

0.0000, NaN, -NF

■ 72.7131, 12.9120,
-17.8280

■ 72.7131, 12.9120,
-17.8280

■ 65.0501, 21.5180,
-29.8050

■ 80.7269, 4.5347,
-6.7971

■ 57.8011, 30.3646,
-42.9289

■ 89.0358, -3.6397,
3.4636

■ 51.0584, 39.3971,
-57.3687

■ 97.6023, -11.6487,
13.1077

■ 44.9420, 48.4277,
-73.1627

■ 99.3294, -9.0222,
15.0322

■ 39.6061, 57.0130,

-90.0021

■ 35.2305, 64.3199,
-106.9038

■ 31.9788, 69.1679,
-122.0148

■ 30.0333, 71.0214,
-132.4401

Harmonies

Analogous

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



72.7146, 0.0578, -24.6061



72.7131, 12.9120, -17.8280



72.7146, 21.6606, -5.4879

Triad

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



72.7146, 12.9105, -17.8264



72.7146, 5.6829, 23.2605



72.7146, -27.5931, 0.1492

Complementary

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



72.7131, 12.9120, -17.8280



86.8330, -19.8474, 22.5674

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.



72.7146, -26.3259, 12.2854



72.7131, 12.9120, -17.8280



72.7146, -7.7431, 24.2213

Square

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



72.7146, 12.9105, -17.8264



72.7146, 17.2826, 17.6570



72.7146, -19.2798, 20.5713



72.7146, -22.8757, -13.0659

Rectangle

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



72.7131, 12.9120, -17.8280



72.7146, 23.6487, 3.4117



72.7146, -19.2798, 20.5713



72.7146, -27.8454, 4.5002

Sweetspot

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



72.7146, 12.9105, -17.8264



94.3876, 0.0829, -1.2656



78.9258, -8.2841, -9.4234



43.3884, 0.3132, -0.9303

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.7146, 12.9105, -17.8264



76.5355, 18.7221, -25.8015



75.2716, 21.0809, -13.9725



38.5854, 1.3562, -2.2027



22.7816, 53.6670, -98.8655



6.8129, 15.5148, -25.4226

Inverse Universe

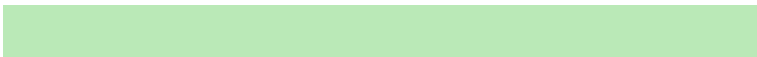
The Inverse Universe completely reimagines the original color for something new.



74.7302, 17.7267, -2.0182



79.3318, 25.1884, -3.6480



84.8968, -27.0073, 20.5513



38.9745, 2.3512, 0.7799



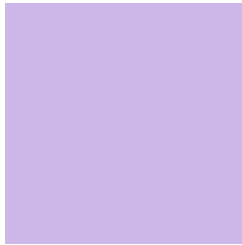
32.7220, 58.7191, 0.3567



9.2746, 16.8351, -1.3873

Previews

White Background



This preview shows how the HunterLab color 72.7131, 12.9120, -17.8280 looks on a white background.

Color Contrast Check

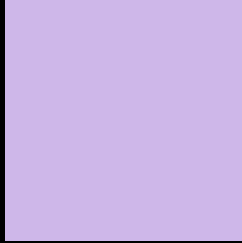
Large Text (above 18pt) WCAG AA × Fail

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 72.7131, 12.9120, -17.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

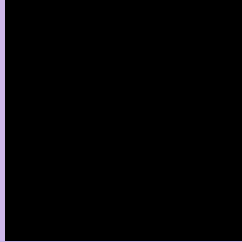
Any Text WCAG AA ✓ Pass

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 72.7131, 12.9120, -17.8280 Background



This preview shows how black text looks on a background with the HunterLab color 72.7131, 12.9120, -17.8280.



This preview shows how white text looks on a background with the HunterLab color 72.7131, 12.9120, -17.8280.

-17.8280.

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

72.7131, 12.9120, -17.8280

Protanopia

72.6799, 2.7364, -21.1537

Deuteranopia

72.7111, 5.4063, -17.3534



Tritanopia

72.5918, 2.9203, -1.3649

Trichromacy



Original Color

72.7131, 12.9120, -17.8280

Protanomaly

72.4872, 6.4818, -20.1292

Deuteranomaly

72.5808, 7.9744, -17.5004

Tritanomaly

72.5737, 6.6125, -7.1385

Monochromacy



Original Color

72.7131, 12.9120, -17.8280

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

73.5829, 2.1252, -3.2260

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.7131, 12.9120, -17.8280 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, 183, 233)` looks like.

```
.text, #text, p{  
    color:rgb(206, 183, 233)  
}
```

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, 183, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 183, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 72.7131, 12.9120, -17.8280 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, 183, 233) }
```


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

```
.border{ border-color:rgb(206, 183, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 183, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 183, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 183, 233); box-shadow:4px 4px 4px 4px rgb(206, 183, 233) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.7131, 12.9120, -17.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 183, 233) }
```

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

```
.background{ background-color: rgb(206,  
183, 233) }
```

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