

Converting Colors

HunterLab(87.4572, -7.5082,
20.4654)

Have a look what the booklet for
HunterLab(87.4572, -7.5082,
20.4654) contains.

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Color

**HunterLab(87.4829, -7.2778,
20.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE3BF
RGB	236, 227, 191
RGB Percent	93%, 89%, 75%
CMY	0.0745, 0.1098, 0.2510
CMYK	0.00, 0.04, 0.19, 0.07
HSL	48°, 54%, 84%
HSV	48°, 19%, 93%
XYZ	71.4651, 76.5326, 60.2958
YIQ	225.5870, 16.9200, -9.2880

Conversions

Conversions Part 2

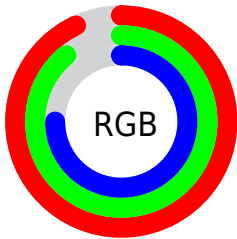
Format	Color
R _Y B	202, 236, 191
Decimal	15524799
CIE Lab	90.11, -2.69, 18.71
CIE LCh	90, 18.898, 98.196
Yxy	76.5360, 0.3431, 0.3674
Android (android.graphics.Color)	4293714879 (0xFFECE3BF)
YUV	225.5870, -17.0514, 9.1322
Hunter-Lab	87.4829, -7.2778, 20.3736

Details

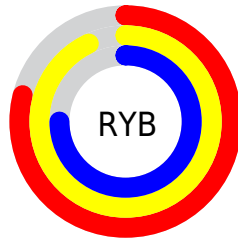
The HunterLab color $87.4829, -7.2778, 20.3736$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $76.4459, -0.0319, -14.4430$, and the grayscale version is $87.0964, -4.6472, 4.7321$.

A 20% lighter version of the original color is $99.7474, -6.7215, 9.0414$, and $64.0426, -5.9089, 17.4487$ is the 20% darker color. If you saturate the color by 10%, you get $85.4598, -7.9355, 27.0218$, and if you desaturate by 10%, it is $89.5971, -6.2091, 12.7346$.

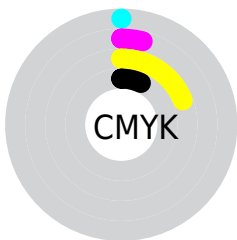
Distribution



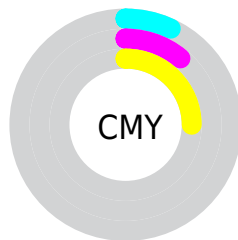
- Red (93%)
- Green (89%)
- Blue (75%)



- Red (79%)
- Yellow (93%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4829, -7.2778, 20.3736 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 87.4829, -7.2778, 20.3736 by changing the saturation by 10% instead.

87.4829, -7.2778,
20.3736

87.4829, -7.2778,
20.3736

219.8137,
-15.2952, 34.2374

75.4136, -6.5081,
18.8010

113.3509, -8.8997,
23.4777

63.9551, -5.7618,
17.2034

127.0974, -9.7456,
25.0162

53.1441, -5.0418,
15.5724

141.3586,
-10.6150, 26.5508

43.0220, -4.3488,
13.8944

156.1166,
-11.5073, 28.0839

33.6392, -3.6830,
12.1495

171.3552,
-12.4219, 29.6175

25.0595, -3.0442,
10.3074

187.0597,

17.3665, -2.4314,

-13.3584, 31.1535

8.3187

203.2166,
-14.3163, 32.6930

■ 10.6774, -1.8405,
7.4742

■ 1.0915, -1.9101,
0.7640

■ 87.4829, -7.2778,
20.3736

■ 87.4829, -7.2778,
20.3736

■ 85.4598, -7.9355,
27.0218

■ 89.5971, -6.2091,
12.7346

■ 83.5231, -8.1677,
32.6498

■ 91.7948, -4.7322,
4.1342

■ 81.6755, -7.9741,
37.2427

■ 93.8388, -4.1586,
-2.0256

■ 79.9167, -7.3575,
40.7973

■ 95.3356, -6.6401,
-0.2082

■ 78.2458, -6.3274,
43.3274

■ 96.8469, -9.1082,
1.5980

■ 76.6601, -4.9024,
44.8699

■ 98.2715, -11.4017,
3.2753

■ 75.1553, -3.1134,
45.4940

■ 73.7210, -1.0238,
45.3577

■ 73.5891, -0.8227,
45.3309

Harmonies

Analogous

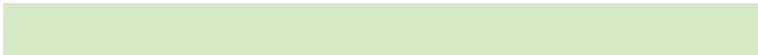
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4848, 2.2666, 19.5036



87.4829, -7.2778, 20.3736



87.4848, -15.7616, 17.4306

Triad

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



87.4848, -7.2803, 20.3748



87.4848, -18.6678, -6.7668



87.4848, 13.0738, -1.9914

Complementary

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



87.4829, -7.2778, 20.3736



76.4459, -0.0319, -14.4430

Split Complementary

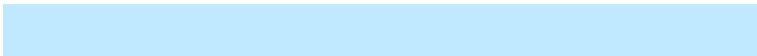
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.4848, 6.9977, -10.1399



87.4829, -7.2778, 20.3736



87.4848, -11.4022, -13.0967

Square

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



87.4848, -7.2803, 20.3748



87.4848, -22.1490, 2.2298



87.4848, -2.0341, -14.3932



87.4848, 14.2933, 7.2207

Rectangle

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



87.4829, -7.2778, 20.3736



87.4848, -19.7665, 13.4929



87.4848, -2.0341, -14.3932



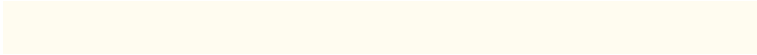
87.4848, 11.5194, -4.9732

Sweetspot

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



87.4848, -7.2803, 20.3748



98.5483, -6.3353, 11.1570



76.9841, 12.8581, 5.5774



45.5208, -2.9769, 5.4396

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4848, -7.2803, 20.3748



94.6194, -8.2926, 25.3031



89.0852, -16.2860, 21.8034



41.3348, -2.8904, 6.0287



54.8068, -0.9024, 33.7559



15.7748, -0.9515, 9.7037

Inverse Universe

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



76.4459, -0.0319, -14.4430



80.0939, 1.3091, -20.6575



74.9846, 8.7762, -16.3887



38.7769, -1.2273, -2.0016



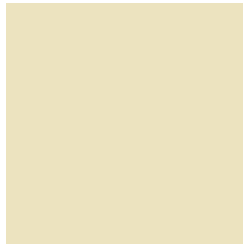
21.4745, 37.0820, -106.8906



7.0338, 7.2731, -24.4922

Previews

White Background



This preview shows how the HunterLab color 87.4829, -7.2778, 20.3736 looks on a white background.

Color Contrast Check

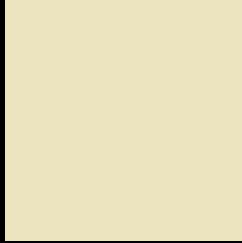
Large Text (above 18pt) WCAG AA × Fail

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 87.4829, -7.2778, 20.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

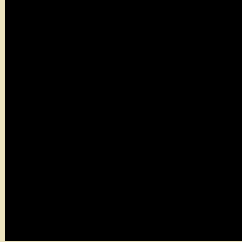
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

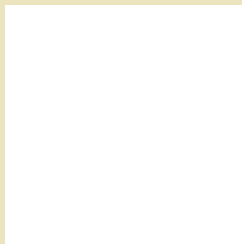
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.4829, -7.2778, 20.3736 Background



This preview shows how black text looks on a background with the HunterLab color 87.4829, -7.2778, 20.3736.



This preview shows how white text looks on a background with the HunterLab color 87.4829, -7.2778,

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

87.4829, -7.2778, 20.3736

Protanopia

87.4671, -5.7305, 20.3849

Deuteranopia

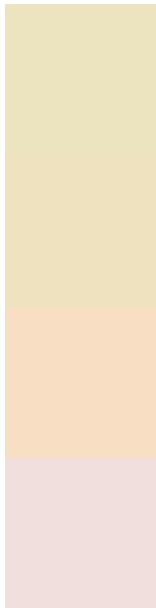
87.5042, 4.2296, 17.3829



Tritanopia

87.3136, 5.9325, -1.0212

Trichromacy



Original Color

87.4829, -7.2778, 20.3736

Protanomaly

87.3679, -6.0772, 20.2797

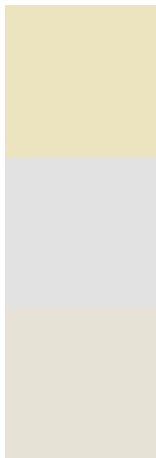
Deuteranomaly

87.5884, -0.3061, 18.6146

Tritanomaly

87.4763, 0.7210, 7.5503

Monochromacy



Original Color

87.4829, -7.2778, 20.3736

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

87.1893, -5.5061, 10.8218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4829, -7.2778, 20.3736 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(236, 227, 191)` looks like.

```
.text, #text, p{  
    color:rgb(236, 227, 191)  
}
```

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(236, 227, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 227, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4829, -7.2778, 20.3736 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(236, 227, 191) }
```


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

```
.border{ border-color:rgb(236, 227, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 227, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 227, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 227, 191); box-shadow:4px 4px 4px 4px rgb(236, 227, 191) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4829, -7.2778, 20.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 227, 191) }
```

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

```
.background{ background-color: rgb(236,  
227, 191) }
```

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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