

Converting Colors

HunterLab(87.4273, -22.7874,
17.1454)

Have a look what the booklet for
HunterLab(87.4273, -22.7874,
17.1454) contains.

HunterLab(87.2203, -22.7269, 17.0293)	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(87.2203,
-22.7269, 17.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	C6ECC6
RGB	198, 236, 198
RGB Percent	78%, 93%, 78%
CMY	0.2235, 0.0745, 0.2235
CMYK	0.16, 0.00, 0.16, 0.07
HSL	120°, 50%, 85%
HSV	120°, 16%, 93%
XYZ	63.4771, 76.0738, 64.7641
YIQ	220.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

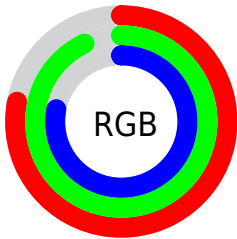
Format	Color
RYB	198, 236, 236
Decimal	13036742
CIELab	89.90, -19.39, 14.38
CIElCh	90, 24.140, 143.444
Yxy	76.0770, 0.3107, 0.3723
Android (android.graphics.Color)	4291226822 (0xFFC6ECC6)
YUV	220.3060, -10.9969, -19.5624
Hunter-Lab	87.2203, -22.7269, 17.0293

Details

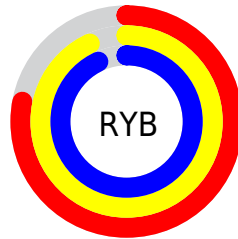
The HunterLab color $87.2203, -22.7269, 17.0293$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $80.1741, 15.3858, -9.0159$, and the grayscale version is $84.7824, -4.5238, 4.6064$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.7067, -19.4248, 14.3594$ is the 20% darker color. If you saturate the color by 10%, you get $84.9178, -32.5295, 23.6537$, and if you desaturate by 10%, it is $89.8405, -11.9207, 9.7279$.

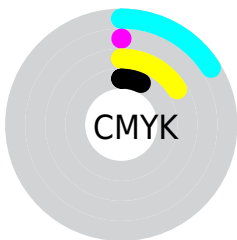
Distribution



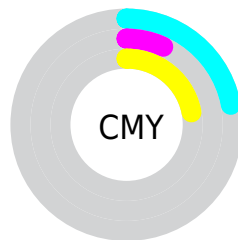
- Red (78%)
- Green (93%)
- Blue (78%)



- Red (78%)
- Yellow (93%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2203, -22.7269, 17.0293 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 87.2203, -22.7269, 17.0293 by changing the saturation by 10% instead.

■ 87.2203, -22.7269,
17.0293

■ 87.2203, -22.7269,
17.0293

219.4565,
-36.7884, 29.2795

■ 75.1636, -21.1332,
15.6815

113.0645,
-25.8768, 19.7195

■ 63.7185, -19.5150,
14.3237

126.7998,
-27.4381, 21.0660

■ 52.9217, -17.8654,
12.9504

141.0503,
-28.9953, 22.4166

■ 42.8147, -16.1717,
11.5523

155.7979,
-30.5507, 23.7731

■ 33.4483, -14.4155,
10.1152

171.0265,
-32.1062, 25.1367

■ 24.8864, -12.5680,
8.6174

186.7212,

■ 17.2134, -10.5812,

-33.6635, 26.5085

7.0220

202.8686,
-35.2239, 27.8892

■ 10.5473, -8.8480,
6.3288

0.0000, NaN, NaN

■ 87.2203, -22.7269,
17.0293

■ 87.2203, -22.7269,
17.0293

■ 84.9178, -32.5295,
23.6537

■ 89.8405, -11.9207,
9.7279

■ 82.9349, -41.1972,
29.5123

■ 92.7619, -0.2394,
1.8368

■ 81.2765, -48.6251,
34.5336

■ 94.0605, 4.8351,
-1.5906

■ 79.9402, -54.7365,
38.6655

■ 78.9167, -59.4970,
41.8844

■ 78.1892, -62.9242,
44.2021

■ 77.7319, -65.0979,
45.6720

■ 77.5070, -66.1726,
46.3989

■ 77.4557, -66.4182,
46.5650

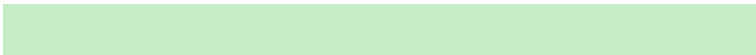
Harmonies

Analogous

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



87.2222, -13.8046, 22.8536



87.2203, -22.7269, 17.0293



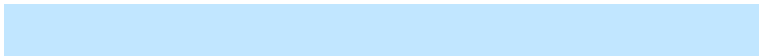
87.2222, -26.7798, 7.2595

Triad

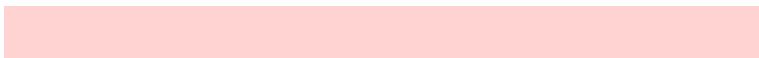
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2222, -22.7287, 17.0304



87.2222, -7.3231, -20.4832



87.2222, 17.9441, 13.1745

Complementary

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



87.2203, -22.7269, 17.0293



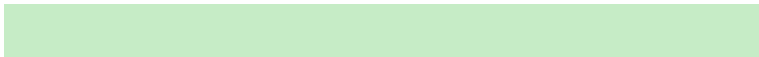
80.1741, 15.3858, -9.0159

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.



87.2222, 19.9137, 2.1590



87.2203, -22.7269, 17.0293



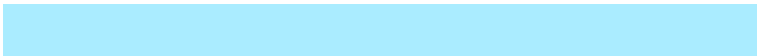
87.2222, 4.8804, -18.3294

Square

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



87.2222, -22.7287, 17.0304



87.2222, -18.2069, -15.1662



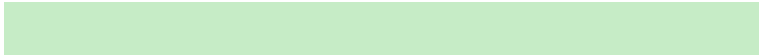
87.2222, 15.0139, -9.6301



87.2222, 9.7707, 20.8507

Rectangle

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



87.2203, -22.7269, 17.0293



87.2222, -26.3396, -0.6063



87.2222, 15.0139, -9.6301



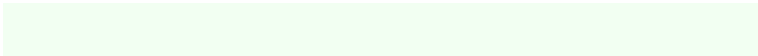
87.2222, 19.3716, 9.7825

Sweetspot

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



87.2222, -22.7287, 17.0304



98.4212, -11.6790, 9.7183



90.5013, -10.8775, 20.5746



45.4346, -5.8071, 4.7690

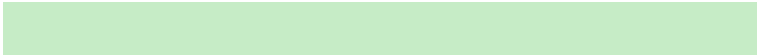
0.0000, NaN, NaN



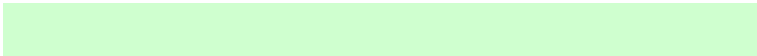
46.2646, -2.4686, 2.5136

Same Dimension

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



87.2222, -22.7287, 17.0304



94.4477, -28.1231, 20.8291



87.7552, -19.7080, 9.3757



41.0636, -7.2296, 5.6574



57.5049, -49.3104, 34.5709



16.1141, -13.8178, 9.6874

Inverse Universe

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



80.1741, 15.3858, -9.0159



85.3744, 20.9814, -12.7273



79.5188, 11.9429, 0.2606



39.1329, 3.1991, -1.4693



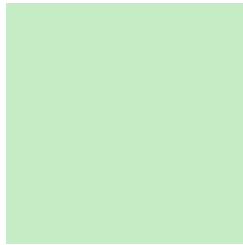
36.2877, 71.3425, -47.8595



10.1686, 19.9917, -13.4113

Previews

White Background



This preview shows how the HunterLab color 87.2203, -22.7269, 17.0293 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 87.2203, -22.7269, 17.0293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

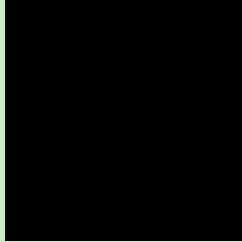
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

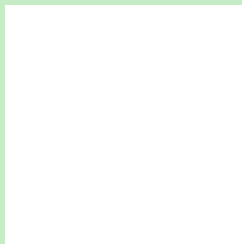
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.2203, -22.7269, 17.0293 Background



This preview shows how black text looks on a background with the HunterLab color 87.2203, -22.7269, 17.0293.



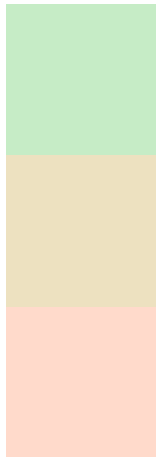
This preview shows how white text looks on a background with the HunterLab color 87.2203,

-22.7269, 17.0293.

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

87.2203, -22.7269, 17.0293

Protanopia

86.9832, -5.7716, 19.5055

Deuteranopia

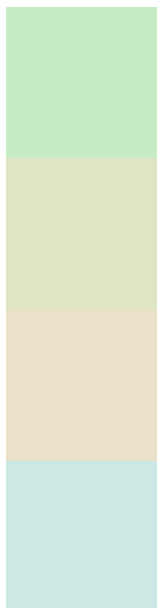
87.0141, 5.8688, 15.2223



Tritanopia

87.1067, -8.4564, -6.3684

Trichromacy



Original Color

87.2203, -22.7269, 17.0293

Protanomaly

86.9607, -12.2143, 18.5725

Deuteranomaly

86.9252, -5.5009, 15.7759

Tritanomaly

87.2163, -14.2186, 3.1004

Monochromacy



Original Color

87.2203, -22.7269, 17.0293

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

85.5238, -11.4326, 9.3181

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2203, -22.7269, 17.0293 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(198, 236, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 236, 198)  
}
```

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(198, 236, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 236, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2203, -22.7269, 17.0293 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(198, 236, 198) }
```


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

```
.border{ border-color:rgb(198, 236, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 236, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 236, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 236, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 236,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2203, -22.7269, 17.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 236, 198) }
```

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

```
.background{ background-color: rgb(198,  
236, 198) }
```

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