

Converting Colors

HunterLab(87.8686, -21.5925,
12.2035)

Have a look what the booklet for
HunterLab(87.8686, -21.5925,
12.2035) contains.

HunterLab(87.8304, -21.4639, 12.1429)	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(87.8304,
-21.4639, 12.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EDD3
RGB	197, 237, 211
RGB Percent	77%, 93%, 83%
CMY	0.2274, 0.0706, 0.1725
CMYK	0.17, 0.00, 0.11, 0.07
HSL	141°, 53%, 85%
HSV	141°, 17%, 93%
XYZ	65.0680, 77.1418, 73.0884
YIQ	222.0760, -15.4940, -16.5660

Conversions

Conversions Part 2

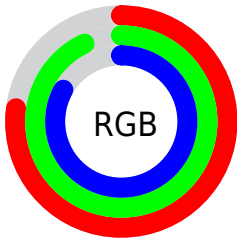
Format	Color
RYB	197, 227, 237
Decimal	12971475
CIELab	90.39, -17.90, 8.31
CIELCh	90, 19.732, 155.091
Yxy	77.1450, 0.3022, 0.3583
Android (android.graphics.Color)	4291161555 (0xFFC5EDD3)
YUV	222.0760, -5.4605, -21.9917
Hunter-Lab	87.8304, -21.4639, 12.1429

Details

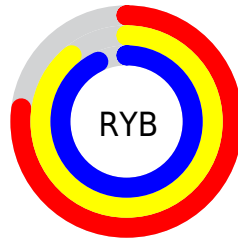
The HunterLab color **87.8304, -21.4639, 12.1429** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.5403, 13.8850, -2.7856**, and the grayscale version is **85.5294, -4.5636, 4.6470**.

A 20% lighter version of the original color is **99.9054, -5.6651, 5.3160**, and **64.2555, -18.4063, 10.2498** is the 20% darker color. If you saturate the color by 10%, you get **85.7071, -30.2258, 16.3221**, and if you desaturate by 10%, it is **90.2275, -11.9027, 7.9159**.

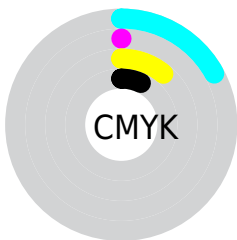
Distribution



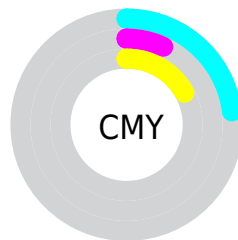
- Red (77%)
- Green (93%)
- Blue (83%)



- Red (77%)
- Yellow (89%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (23%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8304, -21.4639, 12.1429 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 87.8304, -21.4639, 12.1429 by changing the saturation by 10% instead.

■ 87.8304, -21.4639,
12.1429

■ 87.8304, -21.4639,
12.1429

220.2858,
-34.9718, 22.2071

■ 75.7443, -19.9468,
11.0981

113.7296,
-24.4723, 14.2746

■ 64.2681, -18.4104,
10.0629

127.4908,
-25.9678, 15.3612

■ 53.4384, -16.8486,
9.0360

141.7662,
-27.4619, 16.4628

■ 43.2963, -15.2503,
8.0136

156.5379,
-28.9567, 17.5800

■ 33.8920, -13.5994,
6.9898

171.7898,
-30.4538, 18.7128

■ 25.2887, -11.8706,
5.9552

187.5071,

■ 17.5694, -10.0218,

-31.9547, 19.8616

4.8930

203.6766,
-33.4603, 21.0263

■ 10.8500, -8.1918,
3.9273

■ 2.0734, -3.6285,
1.4514

■ 87.8304, -21.4639,
12.1429

■ 87.8304, -21.4639,
12.1429

■ 85.7071, -30.2258,
16.3221

■ 90.2275, -11.9027,
7.9159

■ 83.8573, -38.0898,
20.4042

■ 92.8849, -1.6367,
3.6788

■ 82.2849, -44.9770,
24.3409

■ 94.3670, 4.2947,
-1.2176

■ 80.9875, -50.8271,
28.0822

■ 79.9579, -55.6082,
31.5794

■ 79.1829, -59.3235,
34.7875

■ 78.6426, -62.0190,
37.6674

■ 78.3068, -63.7978,
40.1853

■ 78.2272, -64.2335,
40.8845

Harmonies

Analogous

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



87.8323, -15.4780, 18.4744



87.8304, -21.4639, 12.1429



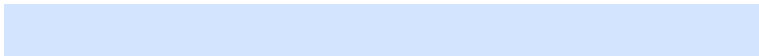
87.8323, -23.0417, 3.1418

Triad

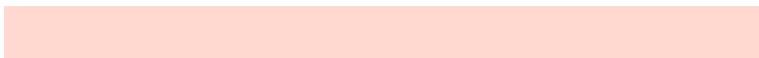
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8323, -21.4656, 12.1441



87.8323, -2.9779, -15.4680



87.8323, 11.6090, 14.6631

Complementary

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



87.8304, -21.4639, 12.1429



79.5403, 13.8850, -2.7856

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.



87.8323, 15.3016, 6.3891



87.8304, -21.4639, 12.1429



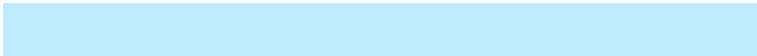
87.8323, 6.6427, -11.5483

Square

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



87.8323, -21.4656, 12.1441



87.8323, -12.6471, -13.4872



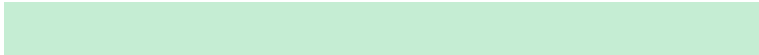
87.8323, 13.4449, -3.2806



87.8323, 3.5583, 19.8107

Rectangle

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



87.8304, -21.4639, 12.1429



87.8323, -21.4419, -3.3379



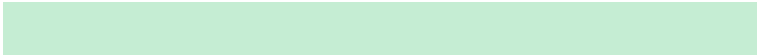
87.8323, 13.4449, -3.2806



87.8323, 13.4172, 12.1919

Sweetspot

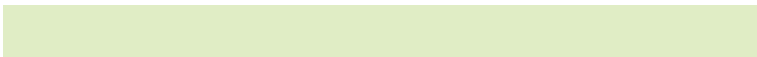
The Sweet Spot groups the original color and five complimentary colors.



87.8323, -21.4656, 12.1441



98.5592, -10.9146, 7.7453



89.6645, -15.5648, 20.0487



45.5069, -5.4055, 3.7337

0.0000, NaN, NaN



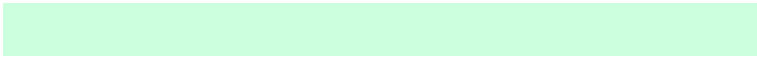
46.2646, -2.4686, 2.5136

Same Dimension

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



87.8323, -21.4656, 12.1441



94.6695, -26.4715, 14.6573



88.4160, -18.1672, 3.7950



41.1694, -6.6375, 4.1407



57.8196, -47.3393, 29.9225



16.2566, -12.9269, 7.5860

Inverse Universe

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



79.5403, 13.8850, -2.7856



84.0054, 19.0298, -4.5333



78.9192, 10.6115, 6.0538



39.0116, 2.5501, 0.2523



33.3622, 61.0321, -8.6606



9.4451, 17.4477, -3.7631

Previews

White Background



This preview shows how the HunterLab color 87.8304, -21.4639, 12.1429 looks on a white background.

Color Contrast Check

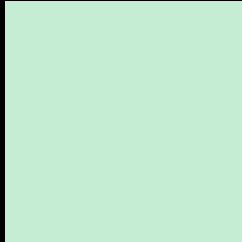
Large Text (above 18pt) WCAG AA × Fail

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 87.8304, -21.4639, 12.1429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

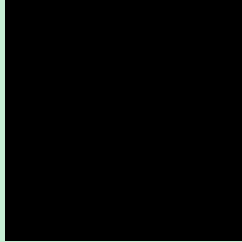
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

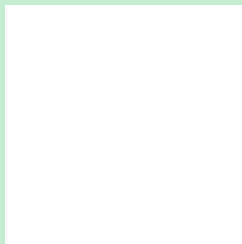
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.8304, -21.4639, 12.1429 Background



This preview shows how black text looks on a background with the HunterLab color 87.8304, -21.4639, 12.1429.



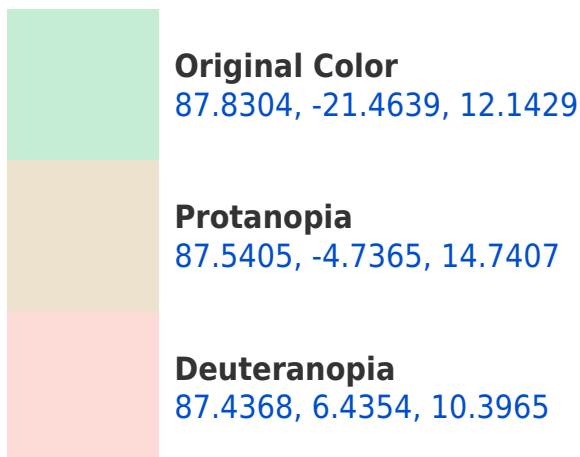
This preview shows how white text looks on a background with the HunterLab color 87.8304,

-21.4639, 12.1429.

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

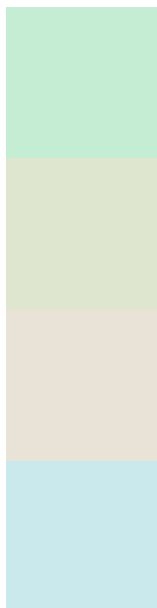




Tritanopia

87.6877, -9.4669, -7.2856

Trichromacy



Original Color

87.8304, -21.4639, 12.1429

Protanomaly

87.5375, -11.0973, 13.7634

Deuteranomaly

87.5051, -4.3485, 10.7388

Tritanomaly

87.6079, -14.0177, 0.0322

Monochromacy



Original Color

87.8304, -21.4639, 12.1429

Achromatopsia

85.4670, -4.5603, 4.6436

Achromatomaly

86.1082, -10.6299, 7.2020

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8304, -21.4639, 12.1429 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(197, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 237, 211)  
}
```

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(197, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 237, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8304, -21.4639, 12.1429 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(197, 237, 211) }
```


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

```
.border{ border-color:rgb(197, 237, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 237, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 237,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8304, -21.4639, 12.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 237, 211) }
```

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

```
.background{ background-color: rgb(197,  
237, 211) }
```

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