

Converting Colors

HunterLab(84.1888, -20.0762,
4.9924)

Have a look what the booklet for
HunterLab(84.1888, -20.0762,
4.9924) contains.

HunterLab(84.3610, -20.2487, 5.0111)	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(84.3610,
-20.2487, 5.0111)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E5DA
RGB	183, 229, 218
RGB Percent	72%, 90%, 85%
CMY	0.2823, 0.1019, 0.1451
CMYK	0.20, 0.00, 0.05, 0.10
HSL	166°, 47%, 81%
HSV	166°, 20%, 90%
XYZ	60.2026, 71.1678, 76.8933
YIQ	213.9920, -23.8850, -13.1730

Conversions

Conversions Part 2

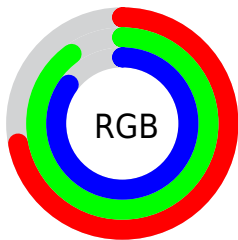
Format	Color
RYB	183, 209, 229
Decimal	12051930
CIELab	87.57, -17.01, 0.46
CIELCh	88, 17.015, 178.449
Yxy	71.1707, 0.2891, 0.3417
Android (android.graphics.Color)	4290242010 (0xFFB7E5DA)
YUV	213.9920, 1.9759, -27.1800
Hunter-Lab	84.3610, -20.2487, 5.0111

Details

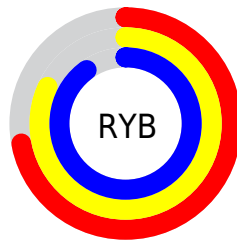
The HunterLab color **84.3610, -20.2487, 5.0111** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73.7712, 13.6271, 4.6735**, and the grayscale version is **81.9998, -4.3753, 4.4552**.

A 20% lighter version of the original color is **98.6232, -10.1589, 3.7173**, and **60.9907, -17.1548, 3.5977** is the 20% darker color. If you saturate the color by 10%, you get **82.6469, -26.9495, 5.5216**, and if you desaturate by 10%, it is **86.3149, -12.8437, 4.7750**.

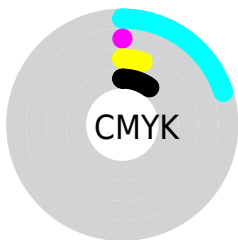
Distribution



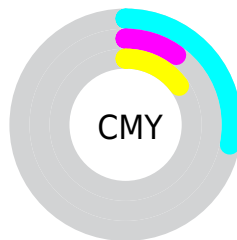
- Red (72%)
- Green (90%)
- Blue (85%)



- Red (72%)
- Yellow (82%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.3610, -20.2487, 5.0111 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 84.3610, -20.2487, 5.0111 by changing the saturation by 10% instead.

■ 84.3610, -20.2487,
5.0111

■ 84.3610, -20.2487,
5.0111

215.5574,
-33.4257, 12.3086

■ 72.4441, -18.7725,
4.3426

■ 109.9440,
-23.1772, 6.4437

■ 61.1466, -17.2783,
3.7056

123.5566,
-24.6343, 7.2030

■ 50.5063, -15.7594,
3.1030

137.6889,
-26.0910, 7.9899

■ 40.5667, -14.2044,
2.5368

152.3224,
-27.5492, 8.8035

■ 31.3812, -12.5963,
2.0097

167.4403,
-29.0105, 9.6428

■ 23.0177, -10.9081,
1.5245

183.0278,

■ 15.5668, -9.0932,

-30.4763, 10.5073

1.0853

199.0710,
-31.9478, 11.3961

■ 9.1532, -8.5859,
0.7068

0.0000, NaN, NaN

■ 84.3610, -20.2487,
5.0111

■ 84.3610, -20.2487,
5.0111

■ 82.6469, -26.9495,
5.5216

■ 86.3149, -12.8437,
4.7750

■ 81.1688, -32.8849,
6.2986

■ 88.4994, -4.7966,
4.8080

■ 79.9266, -38.0133,
7.3331

■ 90.9103, 3.8202,
5.1049

■ 78.9148, -42.3107,
8.6079

■ 91.4260, 5.9107,
3.0233

■ 78.1235, -45.7769,
10.0989

■ 91.6065, 6.8772,
0.4550

■ 77.5379, -48.4401,
11.7755

■ 91.7920, 7.8687,
-2.1797

■ 77.1370, -50.3630,
13.5999

■ 91.9354, 8.6336,
-4.2121

■ 76.8805, -51.6926,
15.4955

Harmonies

Analogous

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



84.3627, -18.0042, 12.3388



84.3610, -20.2487, 5.0111



84.3627, -18.4184, -3.1660

Triad

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



84.3627, -20.2501, 5.0123



84.3627, 3.4327, -10.2748



84.3627, 4.2294, 16.8108

Complementary

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



84.3610, -20.2487, 5.0111



73.7712, 13.6271, 4.6735

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.



84.3627, 10.3709, 11.6769



84.3610, -20.2487, 5.0111



84.3627, 9.8983, -3.9669

Square

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



84.3627, -20.2501, 5.0123



84.3627, -4.9483, -12.4997



84.3627, 12.4849, 4.1697



84.3627, -4.0626, 18.7193

Rectangle

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



84.3610, -20.2487, 5.0111



84.3627, -15.0888, -7.9091



84.3627, 12.4849, 4.1697



84.3627, 6.6258, 15.4317

Sweetspot

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



84.3627, -20.2501, 5.0123



98.4781, -10.9082, 5.3728



84.2592, -22.5798, 20.0001



45.4865, -5.3204, 2.4858

0.0000, NaN, NaN



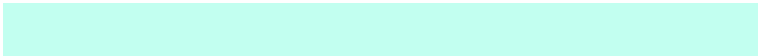
46.2646, -2.4686, 2.5136

Same Dimension

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



84.3627, -20.2501, 5.0123



94.4858, -26.0448, 5.8587



81.0005, -12.5808, -4.5706



40.3415, -5.7651, 2.2256



58.1482, -38.9827, 11.4721



15.8519, -10.3236, 2.4722

Inverse Universe

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



73.7712, 13.6271, 4.6735



80.2062, 19.7127, 5.4460



76.7369, 5.8968, 12.7732



37.9792, 1.7681, 2.1384



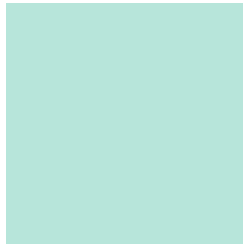
31.1391, 53.8795, 15.8351



8.5489, 14.9565, 3.0730

Previews

White Background



This preview shows how the HunterLab color 84.3610, -20.2487, 5.0111 looks on a white background.

Color Contrast Check

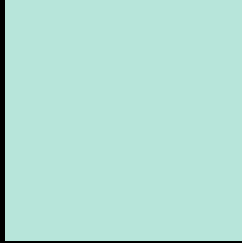
Large Text (above 18pt) WCAG AA × Fail

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 84.3610, -20.2487, 5.0111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

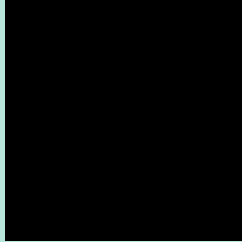
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

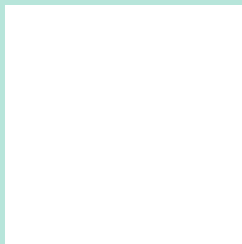
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.3610, -20.2487, 5.0111 Background



This preview shows how black text looks on a background with the HunterLab color 84.3610, -20.2487, 5.0111.



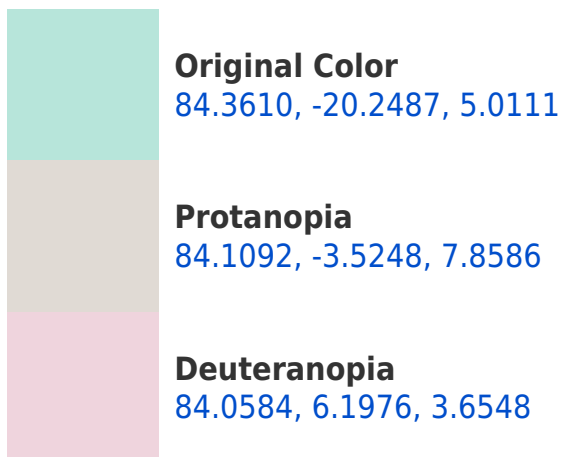
This preview shows how white text looks on a background with the HunterLab color 84.3610, -20.2487, 5.0111.

-20.2487, 5.0111.

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

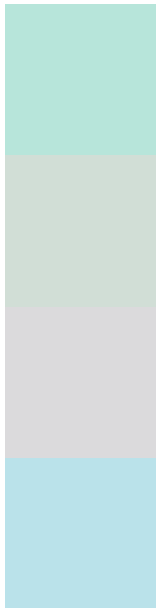




Tritanopia

84.2691, -12.2402, -7.9473

Trichromacy



Original Color

84.3610, -20.2487, 5.0111

Protanomaly

84.0553, -10.0110, 6.7448

Deuteranomaly

83.8869, -3.8031, 3.7677

Tritanomaly

84.1263, -15.0379, -3.2860

Monochromacy



Original Color

84.3610, -20.2487, 5.0111

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

82.6231, -10.1570, 4.6000

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.3610, -20.2487, 5.0111 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(183, 229, 218)` looks like.

```
.text, #text, p{  
    color:rgb(183, 229, 218)  
}
```

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(183, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 229, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 84.3610, -20.2487, 5.0111 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(183, 229, 218) }
```


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

```
.border{ border-color:rgb(183, 229, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 229, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 229, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 229, 218);  
box-shadow:4px 4px 4px 4px rgb(183, 229,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.3610, -20.2487, 5.0111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 229, 218) }
```

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

```
.background{ background-color: rgb(183,  
229, 218) }
```

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