

Converting Colors

HunterLab(87.5551, -18.6470,
-0.2783)

Have a look what the booklet for
HunterLab(87.5551, -18.6470,
-0.2783) contains.

HunterLab(87.6732, -18.8055, 0.0286)	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(87.6732,
-18.8055, 0.0286)**

Conversions

Conversions Part 1

Format	Color
Hex	BDECEC
RGB	189, 236, 236
RGB Percent	74%, 93%, 93%
CMY	0.2588, 0.0745, 0.0745
CMYK	0.20, 0.00, 0.00, 0.07
HSL	180°, 55%, 83%
HSV	180°, 20%, 93%
XYZ	66.1221, 76.8659, 90.7085
YIQ	221.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

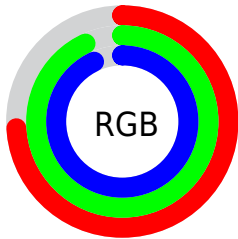
Format	Color
R _Y B	189, 213, 236
Decimal	12446956
CIE Lab	90.26, -14.98, -4.98
CIE LCh	90, 15.788, 198.388
Yxy	76.8690, 0.2829, 0.3289
Android (android.graphics.Color)	4290637036 (0xFFBDECEC)
YUV	221.9470, 6.9281, -28.8945
Hunter-Lab	87.6732, -18.8055, 0.0286

Details

The HunterLab color $87.6732, -18.8055, 0.0286$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $76.0950, 12.2184, 9.5888$, and the grayscale version is $85.4252, -4.5581, 4.6413$.

A 20% lighter version of the original color is $99.1629, -8.2600, 4.3927$, and $64.1005, -15.9615, -0.7206$ is the 20% darker color. If you saturate the color by 10%, you get $86.0769, -24.6805, -2.0531$, and if you desaturate by 10%, it is $89.5192, -12.1679, 2.3873$.

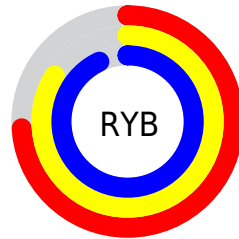
Distribution



Red (74%)

Green (93%)

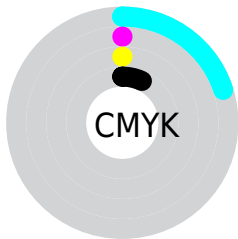
Blue (93%)



Red (74%)

Yellow (84%)

Blue (93%)

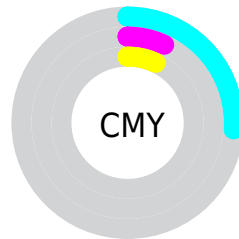


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6732, -18.8055, 0.0286 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 87.6732, -18.8055, 0.0286 by changing the saturation by 10% instead.

87.6732, -18.8055,
0.0286

87.6732, -18.8055,
0.0286

220.0721,
-31.2419, 5.6133

75.5946, -17.4345,
-0.4116

113.5582,
-21.5420, 1.0338

64.1264, -16.0534,
-0.8091

127.3127,
-22.9107, 1.5914

53.3052, -14.6574,
-1.1588

141.5817,
-24.2829, 2.1837

43.1721, -13.2380,
-1.4562

156.3472,
-25.6602, 2.8089

33.7775, -11.7823,
-1.6955

171.5931,
-27.0438, 3.4656

25.1849, -10.2705,
-1.8688

187.3046,

17.4775, -8.6689,

-28.4348, 4.1527

-1.9656

203.4684,
-29.8339, 4.8689

■ 10.7718, -7.0189,
-1.9700

■ 1.7008, -2.9765,
-12.0451

■ 87.6732, -18.8055,
0.0286

■ 87.6732, -18.8055,
0.0286

■ 86.0769, -24.6805,
-2.0531

■ 89.5192, -12.1679,
2.3873

■ 84.7248, -29.7424,
-3.8464

■ 91.6067, -4.8222,
4.9992

■ 83.6154, -33.9624,
-5.3399

■ 93.4399, 1.4898,
7.2463

■ 82.7412, -37.3311,
-6.5311

■ 93.4400, 1.4901,
7.2456

82.0908, -39.8634,
-7.4258

93.4400, 1.4904,
7.2449

81.6475, -41.6023,
-8.0397

93.4401, 1.4906,
7.2442

81.3886, -42.6232,
-8.3996

93.4401, 1.4909,
7.2434

81.2714, -43.0863,
-8.5624

93.4402, 1.4912,
7.2427

81.2706, -43.0894,
-8.5635

93.4402, 1.4914,
7.2420

Harmonies

Analogous

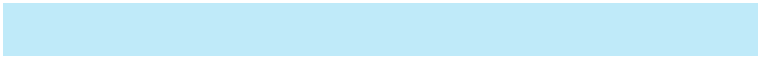
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6750, -19.2467, 7.6667



87.6732, -18.8055, 0.0286



87.6750, -14.6654, -6.8875

Triad

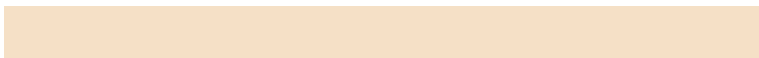
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6750, -18.8069, 0.0299



87.6750, 7.1164, -5.5111



87.6750, -1.5653, 17.9293

Complementary

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



87.6732, -18.8055, 0.0286



76.0950, 12.2184, 9.5888

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.



87.6750, 5.7674, 15.0226



87.6732, -18.8055, 0.0286



87.6750, 10.8985, 1.7759

Square

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



87.6750, -18.8069, 0.0299



87.6750, 0.2224, -10.2790



87.6750, 10.3961, 9.2639



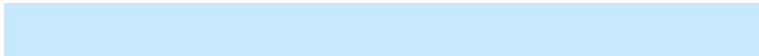
87.6750, -9.4825, 17.5529

Rectangle

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



87.6732, -18.8055, 0.0286



87.6750, -10.2764, -9.9501



87.6750, 10.3961, 9.2639



87.6750, 1.0547, 17.3152

Sweetspot

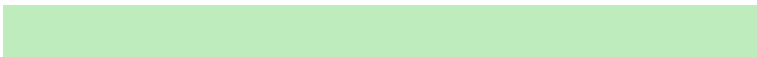
The Sweet Spot groups the original color and five complimentary colors.



87.6750, -18.8069, 0.0299



98.5965, -10.2530, 3.6843



86.3641, -26.3744, 19.7028



45.5472, -4.9837, 1.6192

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6750, -18.8069, 0.0299



94.9645, -23.3230, -0.9567



80.3795, -7.4334, -9.1390



41.3786, -5.4720, 1.1546



60.3372, -31.9906, -6.3578



16.9078, -8.9643, -1.7818

Inverse Universe

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



76.0950, 12.2184, 9.5888



79.7752, 17.4750, 11.6159



82.7377, 0.3019, 16.4866



38.7996, 1.4109, 3.2744



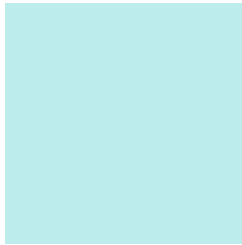
31.3526, 53.6923, 20.2586



8.7857, 15.0459, 5.6764

Previews

White Background



This preview shows how the HunterLab color 87.6732, -18.8055, 0.0286 looks on a white background.

Color Contrast Check

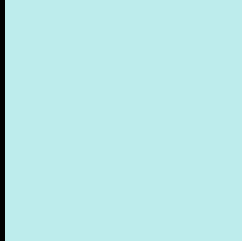
Large Text (above 18pt) WCAG AA × Fail

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 87.6732, -18.8055, 0.0286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

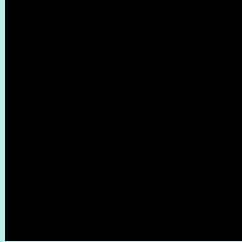
Any Text WCAG AA ✓ Pass

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 87.6732, -18.8055, 0.0286 Background



This preview shows how black text looks on a background with the HunterLab color 87.6732, -18.8055, 0.0286.



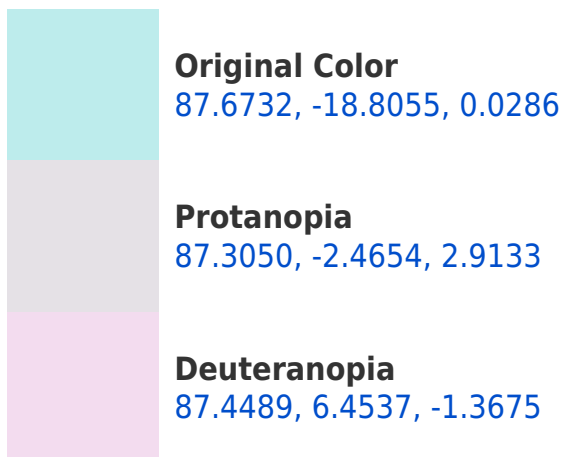
This preview shows how white text looks on a background with the HunterLab color 87.6732,

-18.8055, 0.0286.

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

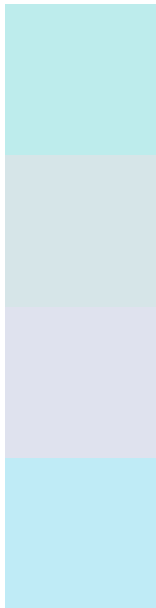




Tritanopia

87.7954, -13.9011, -8.3381

Trichromacy



Original Color

87.6732, -18.8055, 0.0286

Protanomaly

87.2702, -8.8999, 1.7529

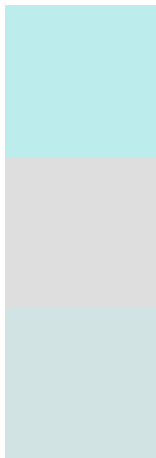
Deuteranomaly

87.3234, -3.4713, -1.1737

Tritanomaly

87.8333, -15.8626, -5.0102

Monochromacy



Original Color

87.6732, -18.8055, 0.0286

Achromatopsia

85.4670, -4.5603, 4.6436

Achromatomaly

86.1312, -9.9863, 2.8730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6732, -18.8055, 0.0286 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(189, 236, 236)` looks like.

```
.text, #text, p{  
    color:rgb(189, 236, 236)  
}
```

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(189, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 236, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6732, -18.8055, 0.0286 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(189, 236, 236) }
```


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

```
.border{ border-color:rgb(189, 236, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 236, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(189, 236,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6732, -18.8055, 0.0286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 236, 236) }
```

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

```
.background{ background-color: rgb(189,  
236, 236) }
```

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