

Converting Colors

HunterLab(87.6804, -18.9110,
1.0601)

Have a look what the booklet for
HunterLab(87.6804, -18.9110,
1.0601) contains.

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Color

**HunterLab(87.6804,
-18.9110, 1.0601)**

Conversions

Conversions Part 1

Format	Color
Hex	BEECEA
RGB	190, 236, 234
RGB Percent	75%, 93%, 92%
CMY	0.2549, 0.0745, 0.0823
CMYK	0.19, 0.00, 0.01, 0.07
HSL	177°, 55%, 84%
HSV	177°, 19%, 93%
XYZ	66.0819, 76.8785, 89.1980
YIQ	222.0180, -26.7740, -10.3740

Conversions

Conversions Part 2

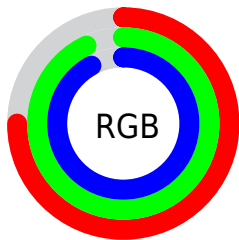
Format	Color
RYB	190, 214, 236
Decimal	12512490
CIELab	90.27, -15.10, -3.92
CIElCh	90, 15.597, 194.556
Yxy	76.8817, 0.2846, 0.3312
Android (android.graphics.Color)	4290702570 (0xFFBEECEA)
YUV	222.0180, 5.9071, -28.0798
Hunter-Lab	87.6804, -18.9110, 1.0601

Details

The HunterLab color $87.6804, -18.9110, 1.0601$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $76.4641, 12.1424, 8.6585$, and the grayscale version is $85.4599, -4.5599, 4.6432$.

A 20% lighter version of the original color is $99.2543, -7.9395, 4.5067$, and $64.1023, -16.0809, 0.2606$ is the 20% darker color. If you saturate the color by 10%, you get $86.0383, -25.0266, -0.5324$, and if you desaturate by 10%, it is $89.5712, -12.0458, 2.9418$.

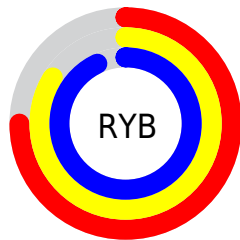
Distribution



Red (75%)

Green (93%)

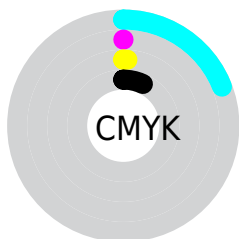
Blue (92%)



Red (75%)

Yellow (84%)

Blue (93%)

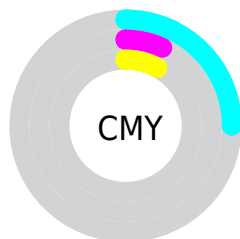


Cyan (19%)

Magenta (0%)

Yellow (1%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6804, -18.9110, 1.0601 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 87.6804, -18.9110, 1.0601 by changing the saturation by 10% instead.

87.6804, -18.9110,
1.0601

87.6804, -18.9110,
1.0601

220.0819,
-31.3895, 6.9848

75.6014, -17.5343,
0.5750

113.5660,
-21.6582, 2.1498

64.1329, -16.1471,
0.1305

127.3209,
-23.0318, 2.7473

53.3113, -14.7446,
-0.2686

141.5902,
-24.4088, 3.3782

43.1778, -13.3182,
-0.6182

156.3560,
-25.7907, 4.0408

33.7828, -11.8549,
-0.9130

171.6021,
-27.1789, 4.7339

25.1896, -10.3346,
-1.1458

187.3139,

17.4817, -8.7233,

-28.5742, 5.4563

-1.3067

203.4779,
-29.9775, 6.2069

■ 10.7754, -7.0654,
-1.3806

■ 1.7197, -3.0094,
-9.3549

■ 87.6804, -18.9110,
1.0601

■ 87.6804, -18.9110,
1.0601

■ 86.0383, -25.0266,
-0.5324

■ 89.5712, -12.0458,
2.9418

■ 84.6396, -30.3393,
-1.8273

■ 91.7020, -4.4874,
5.0915

■ 83.4834, -34.8170,
-2.8167

■ 93.4735, 1.6718,
6.7657

■ 82.5626, -38.4466,
-3.5013

■ 93.5058, 1.8461,
6.3053

■ 81.8663, -41.2391,
-3.8900

■ 93.5382, 2.0212,
5.8426

■ 81.3782, -43.2335,
-4.0012

■ 93.5708, 2.1973,
5.3776

■ 81.0760, -44.5016,
-3.8637

■ 93.6035, 2.3742,
4.9103

■ 80.9199, -45.1925,
-3.5316

■ 93.6365, 2.5520,
4.4406

■ 80.9133, -45.2222,
-3.5130

■ 93.6696, 2.7306,
3.9687

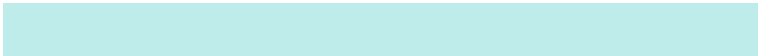
Harmonies

Analogous

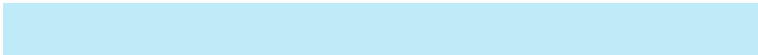
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6822, -18.8553, 8.5358



87.6804, -18.9110, 1.0601



87.6822, -15.2511, -5.9873

Triad

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



87.6822, -18.9124, 1.0614



87.6822, 6.2354, -6.1655



87.6822, -0.5996, 17.5946

Complementary

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



87.6804, -18.9110, 1.0601



76.4641, 12.1424, 8.6585

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.



87.6822, 6.4101, 14.3214



87.6804, -18.9110, 1.0601



87.6822, 10.4505, 0.8352

Square

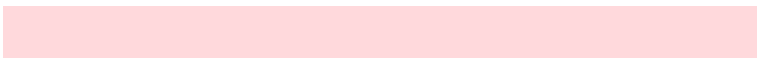
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



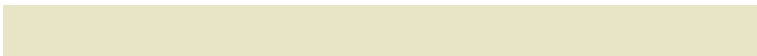
87.6822, -18.9124, 1.0614



87.6822, -0.8313, -10.4037



87.6822, 10.5155, 8.3287



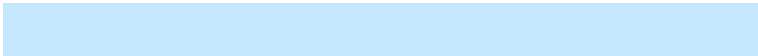
87.6822, -8.4698, 17.6435

Rectangle

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



87.6804, -18.9110, 1.0601



87.6822, -11.1170, -9.3101



87.6822, 10.5155, 8.3287



87.6822, 1.9417, 16.8488

Sweetspot

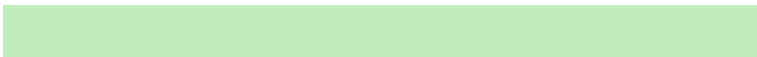
The Sweet Spot groups the original color and five complimentary colors.



87.6822, -18.9124, 1.0614



98.5748, -10.3729, 3.9935



86.5780, -25.5271, 19.5401



45.5361, -5.0454, 1.7779

0.0000, NaN, NaN



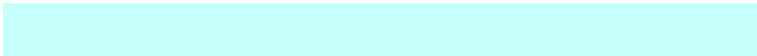
46.2646, -2.4686, 2.5136

Same Dimension

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



87.6822, -18.9124, 1.0614



95.0575, -23.1534, 0.4948



81.0923, -8.1785, -8.1983



41.3641, -5.5526, 1.3612



60.0763, -33.5481, -2.6694



16.8451, -9.3383, -0.8962

Inverse Universe

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



76.4641, 12.1424, 8.6585



80.6331, 16.8564, 10.2932



82.4577, 0.9724, 15.7982



38.8132, 1.4844, 3.0794



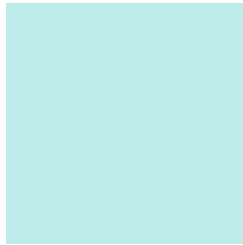
31.3801, 53.7944, 19.8502



8.8147, 15.1534, 5.2464

Previews

White Background



This preview shows how the HunterLab color 87.6804, -18.9110, 1.0601 looks on a white background.

Color Contrast Check

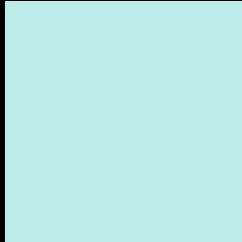
Large Text (above 18pt) WCAG AA × Fail

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 87.6804, -18.9110, 1.0601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

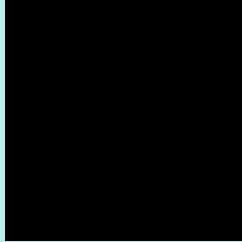
Any Text WCAG AA ✓ Pass

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 87.6804, -18.9110, 1.0601 Background



This preview shows how black text looks on a background with the HunterLab color 87.6804, -18.9110, 1.0601.



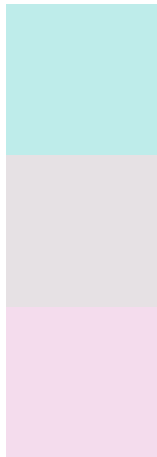
This preview shows how white text looks on a background with the HunterLab color 87.6804,

-18.9110, 1.0601.

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

87.6804, -18.9110, 1.0601

Protanopia

87.3355, -2.4881, 3.9434

Deuteranopia

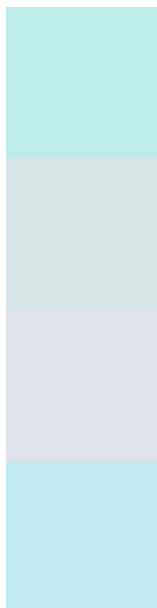
87.4837, 6.4358, -0.2803



Tritanopia

87.6216, -12.8592, -8.5504

Trichromacy



Original Color

87.6804, -18.9110, 1.0601

Protanomaly

87.2920, -8.9528, 2.7842

Deuteranomaly

87.3477, -3.5210, -0.1044

Tritanomaly

87.6217, -15.0214, -4.7249

Monochromacy



Original Color

87.6804, -18.9110, 1.0601

Achromatopsia

85.4670, -4.5603, 4.6436

Achromatomaly

86.0992, -10.1635, 3.3285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6804, -18.9110, 1.0601 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(190, 236, 234)` looks like.

```
.text, #text, p{  
    color:rgb(190, 236, 234)  
}
```

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(190, 236, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 236, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6804, -18.9110, 1.0601 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(190, 236, 234) }
```


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

```
.border{ border-color:rgb(190, 236, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 236, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 236, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 236, 234);  
box-shadow:4px 4px 4px 4px rgb(190, 236,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6804, -18.9110, 1.0601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 236, 234) }
```

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

```
.background{ background-color: rgb(190,  
236, 234) }
```

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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