

Converting Colors

HunterLab(87.5728, -12.3796,
-10.3077)

Have a look what the booklet for
HunterLab(87.5728, -12.3796,
-10.3077) contains.

HunterLab(87.6557, -12.5186, -10.1984)	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(87.6557,
-12.5186, -10.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E9FF
RGB	193, 233, 255
RGB Percent	76%, 91%, 100%
CMY	0.2431, 0.0863, 0.0000
CMYK	0.24, 0.09, 0.00, 0.00
HSL	201°, 100%, 88%
HSV	201°, 24%, 100%
XYZ	69.1812, 76.8352, 105.7921
YIQ	223.5480, -30.9020, -1.6380

Conversions

Conversions Part 2

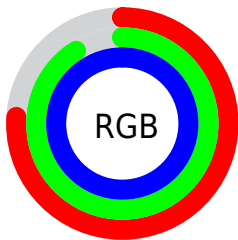
Format	Color
R_{YB}	193, 217, 255
Decimal	12708351
CIE _{Lab}	90.25, -8.19, -14.90
CIE _{LCh}	90, 17.008, 241.208
Yxy	76.8382, 0.2747, 0.3051
Android (android.graphics.Color)	4290898431 (0xFFC1E9FF)
YUV	223.5480, 15.5058, -26.7906
Hunter-Lab	87.6557, -12.5186, -10.1984

Details

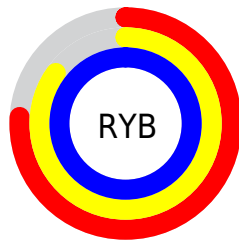
The HunterLab color $87.6557, -12.5186, -10.1984$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $85.8548, 6.0312, 18.1663$, and the grayscale version is $86.0859, -4.5933, 4.6772$.

A 20% lighter version of the original color is $99.5309, -6.9714, 4.8511$, and $63.9725, -10.3963, -10.2780$ is the 20% darker color. If you saturate the color by 10%, you get $82.9330, -14.4061, -16.7857$, and if you desaturate by 10%, it is $92.5948, -9.9768, -3.6971$.

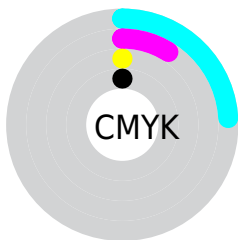
Distribution



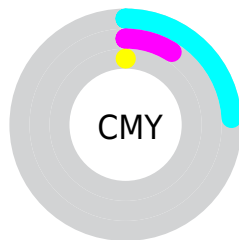
- Red (76%)
- Green (91%)
- Blue (100%)



- Red (76%)
- Yellow (85%)
- Blue (100%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6557, -12.5186, -10.1984 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 87.6557, -12.5186, -10.1984 by changing the saturation by 10% instead.

■ 87.6557, -12.5186,
-10.1984

■ 87.6557, -12.5186,
-10.1984

■ 220.0482,
-22.4939, -7.6345

■ 75.5779, -11.4830,
-10.2494

■ 113.5390,
-14.6328, -9.9316

■ 64.1106, -10.4569,
-10.2448

■ 127.2928,
-15.7102, -9.7269

■ 53.2903, -9.4394,
-10.1778

■ 141.5611,
-16.8023, -9.4774

■ 43.1582, -8.4274,
-10.0434

■ 156.3259,
-17.9097, -9.1857

■ 33.7647, -7.4158,
-9.8364

■ 171.5711,
-19.0324, -8.8538

■ 25.1733, -6.3961,
-9.5528

187.2820,

■ 17.4672, -5.3539,

-20.1706, -8.4835

-9.1945

203.4451,
-21.3244, -8.0766

■ 10.7630, -4.2610,
-8.7893

■ 1.6540, -2.8944,
-37.4095

■ 87.6557, -12.5186,
-10.1984

■ 87.6557, -12.5186,
-10.1984

■ 82.9330, -14.4061,
-16.7857

■ 92.5948, -9.9768,
-3.6971

■ 78.4388, -15.5576,
-23.4505

■ 97.7290, -6.8485,
2.7038

■ 74.1920, -15.8966,
-30.1666

100.0000, -5.3358,
5.4332

■ 70.2094, -15.3503,
-36.8997

■ 66.5051, -13.8615,
-43.6064

■ 63.0876, -11.4031,
-50.2382

■ 59.9546, -8.0019,
-56.7554

■ 58.2763, -5.7422,
-60.4444

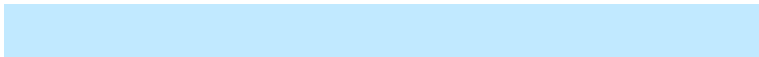
Harmonies

Analogous

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



87.6574, -18.4079, -3.7947



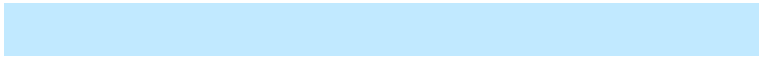
87.6557, -12.5186, -10.1984



87.6574, -4.3322, -12.4948

Triad

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



87.6574, -12.5201, -10.1962



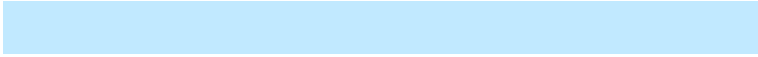
87.6574, 12.5062, 5.1032



87.6574, -13.1030, 17.2101

Complementary

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



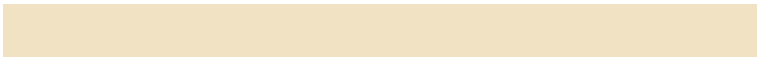
87.6557, -12.5186, -10.1984



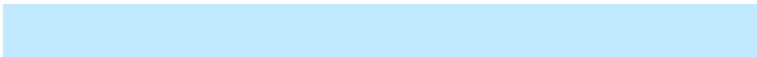
85.8548, 6.0312, 18.1663

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.



87.6574, -5.0310, 19.1122



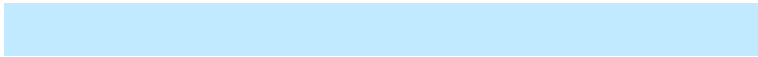
87.6557, -12.5186, -10.1984



87.6574, 9.9444, 12.5518

Square

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



87.6574, -12.5201, -10.1962



87.6574, 10.3166, -3.1643



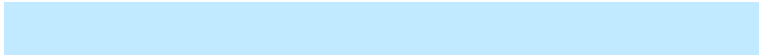
87.6574, 3.4418, 17.4912



87.6574, -18.7352, 12.0283

Rectangle

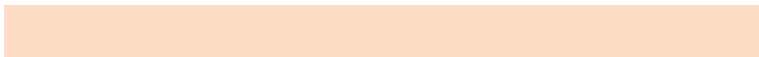
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



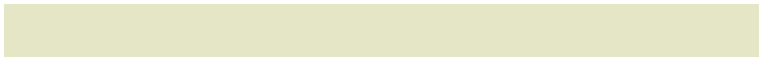
87.6557, -12.5186, -10.1984



87.6574, 1.3930, -11.2313



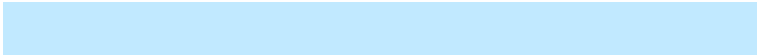
87.6574, 3.4418, 17.4912



87.6574, -10.5957, 18.2305

Sweetspot

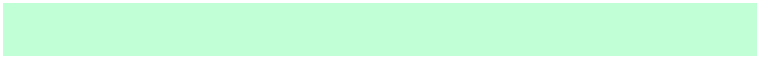
The Sweet Spot groups the original color and five complimentary colors.



87.6574, -12.5201, -10.1962



96.3307, -7.7428, 0.9935



93.6743, -30.5796, 16.6218



44.4226, -3.6727, 0.2814

0.0000, NaN, NaN



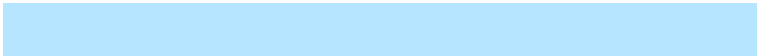
46.2646, -2.4686, 2.5136

Same Dimension

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



87.6574, -12.5201, -10.1962



85.4154, -13.4906, -13.2744



78.0647, 3.4037, -23.6917



43.9697, -3.9517, -0.2808



42.4705, -4.7066, -42.9243



14.0085, -2.6512, -11.7862

Inverse Universe

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



80.7989, 24.3335, -6.3576



77.4416, 30.1669, -8.3741



95.3099, -9.9784, 27.1688



42.6433, 2.8257, 0.2828



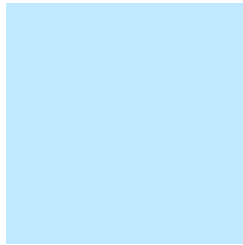
35.4244, 64.7303, -8.6209



11.1474, 20.5347, -3.9939

Previews

White Background



This preview shows how the HunterLab color 87.6557, -12.5186, -10.1984 looks on a white background.

Color Contrast Check

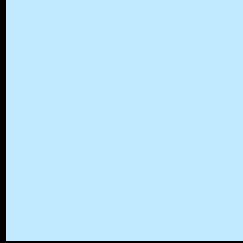
Large Text (above 18pt) WCAG AA × Fail

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 87.6557, -12.5186, -10.1984 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

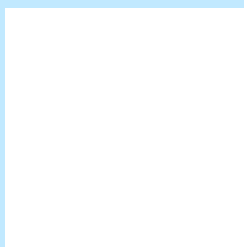
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.6557, -12.5186, -10.1984 Background



This preview shows how black text looks on a background with the HunterLab color 87.6557, -12.5186, -10.1984.



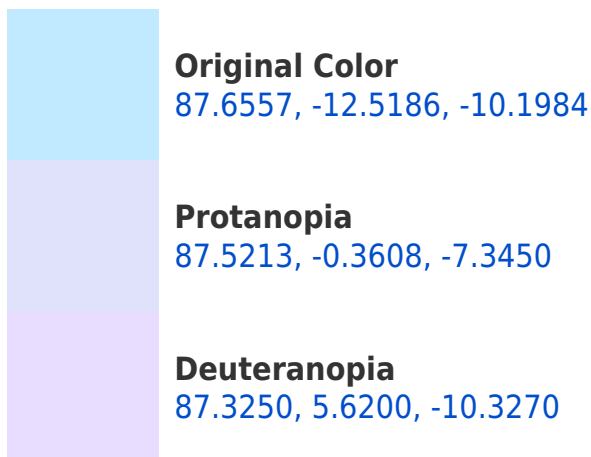
This preview shows how white text looks on a background with the HunterLab color 87.6557,

-12.5186, -10.1984.

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

87.4715, -13.3959, -8.7593

Trichromacy



Original Color

87.6557, -12.5186, -10.1984

Protanomaly

87.5564, -4.8998, -8.4976

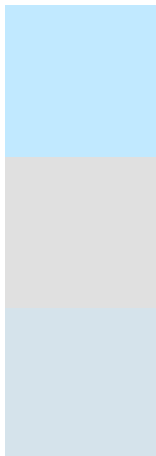
Deuteranomaly

87.1641, -1.2235, -10.6645

Tritanomaly

87.5078, -13.1933, -9.2718

Monochromacy



Original Color

87.6557, -12.5186, -10.1984

Achromatopsia

86.3368, -4.6067, 4.6908

Achromatomaly

86.6501, -7.6328, -0.5201

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6557, -12.5186, -10.1984 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(193, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 233, 255)  
}
```

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(193, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 233, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6557, -12.5186, -10.1984 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(193, 233, 255) }
```


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

```
.border{ border-color:rgb(193, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 233,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6557, -12.5186, -10.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 233, 255) }
```

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

```
.background{ background-color: rgb(193,  
233, 255) }
```

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