

Converting Colors

HunterLab(87.7560, -10.5809,
-9.4609)

Have a look what the booklet for
HunterLab(87.7560, -10.5809,
-9.4609) contains.

HunterLab(87.7560, -10.5809, -9.4609)	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(87.7560,
-10.5809, -9.4609)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E8FE
RGB	199, 232, 254
RGB Percent	78%, 91%, 100%
CMY	0.2196, 0.0902, 0.0039
CMYK	0.22, 0.09, 0.00, 0.00
HSL	204°, 96%, 89%
HSV	204°, 22%, 100%
XYZ	70.2992, 77.0112, 104.9255
YIQ	224.6410, -26.7300, -0.1540

Conversions

Conversions Part 2

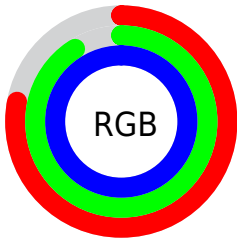
Format	Color
R _Y B	199, 220, 254
Decimal	13101310
CIE Lab	90.33, -6.13, -14.22
CIE LCh	90, 15.488, 246.684
Yxy	77.0143, 0.2787, 0.3053
Android (android.graphics.Color)	4291291390 (0xFFC7E8FE)
YUV	224.6410, 14.4740, -22.4872
Hunter-Lab	87.7560, -10.5809, -9.4609

Details

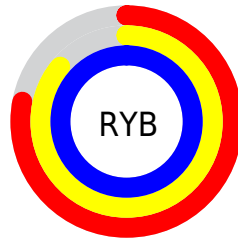
The HunterLab color $87.7560, -10.5809, -9.4609$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $87.6969, 3.3373, 17.5653$, and the grayscale version is $86.5649, -4.6189, 4.7032$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.0400, -8.6464, -9.5956$ is the 20% darker color. If you saturate the color by 10%, you get $82.6255, -12.0848, -16.5832$, and if you desaturate by 10%, it is $93.0964, -8.4631, -2.4999$.

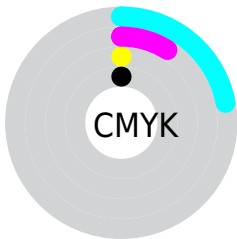
Distribution



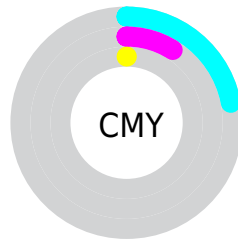
- Red (78%)
- Green (91%)
- Blue (100%)



- Red (78%)
- Yellow (86%)
- Blue (100%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7560, -10.5809, -9.4609 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 87.7560, -10.5809, -9.4609 by changing the saturation by 10% instead.

87.7560, -10.5809,
-9.4609

87.7560, -10.5809,
-9.4609

220.1846,
-19.8200, -6.6968

75.6734, -9.6449,
-9.5378

113.6484,
-12.5093, -9.1464

64.2010, -8.7242,
-9.5590

127.4065,
-13.4997, -8.9183

53.3753, -7.8191,
-9.5183

141.6788,
-14.5081, -8.6461

43.2375, -6.9277,
-9.4106

156.4476,
-15.5347, -8.3321

33.8378, -6.0470,
-9.2303

171.6966,
-16.5792, -7.9785

25.2395, -5.1719,
-8.9724

187.4112,

17.5258, -4.2934,

-17.6417, -7.5870

-8.6367

203.5780,
-18.7221, -7.1592

■ 10.8130, -3.3928,
-8.2440

■ 1.9061, -3.3357,
-30.8801

■ 87.7560, -10.5809,
-9.4609

■ 87.7560, -10.5809,
-9.4609

■ 82.6255, -12.0848,
-16.5832

■ 93.0964, -8.4631,
-2.4999

■ 77.7183, -12.8908,
-23.8695

■ 98.6240, -5.8000,
4.2999

■ 73.0563, -12.9153,
-31.3074

■ 99.9679, -5.5115,
5.8908

■ 68.6603, -12.0736,
-38.8737

■ 64.5501, -10.2900,
-46.5310

■ 60.7422, -7.5122,
-54.2279

■ 57.2450, -3.7354,
-61.9083

■ 54.5406, 0.0707,
-68.3237

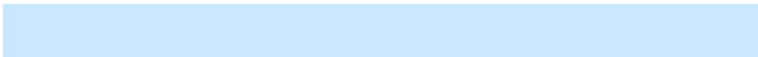
Harmonies

Analogous

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



87.7578, -16.4673, -4.2417



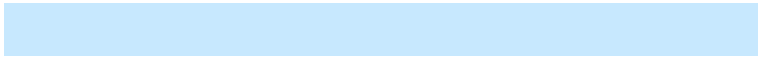
87.7560, -10.5809, -9.4609



87.7578, -2.9233, -10.7150

Triad

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



87.7578, -10.5822, -9.4594



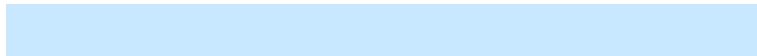
87.7578, 10.8139, 6.4319



87.7578, -13.5241, 15.5297

Complementary

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



87.7560, -10.5809, -9.4609



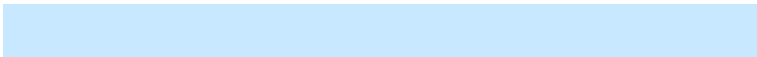
87.6969, 3.3373, 17.5653

Split Complementary

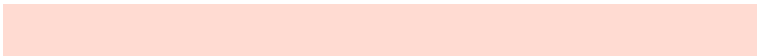
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7578, -6.4373, 17.8754



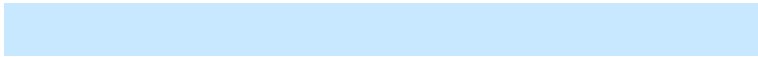
87.7560, -10.5809, -9.4609



87.7578, 7.7490, 12.9295

Square

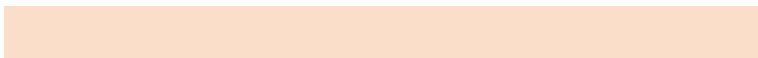
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.7578, -10.5822, -9.4594



87.7578, 9.6096, -1.0987



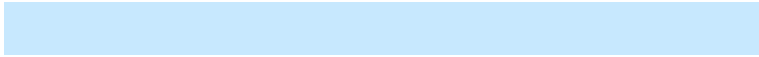
87.7578, 1.3676, 16.9669



87.7578, -18.1237, 10.2724

Rectangle

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



87.7560, -10.5809, -9.4609



87.7578, 2.1948, -9.0460



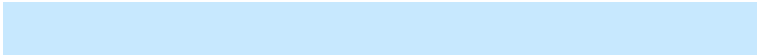
87.7578, 1.3676, 16.9669



87.7578, -11.3636, 16.6628

Sweetspot

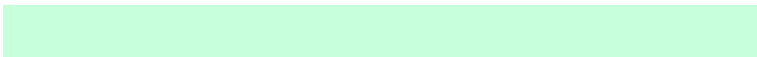
The Sweet Spot groups the original color and five complimentary colors.



87.7578, -10.5822, -9.4594



96.6284, -7.0519, 1.3684



93.9143, -27.6428, 14.6013



44.5367, -3.3440, 0.4268

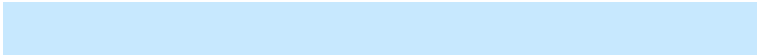
0.0000, NaN, NaN



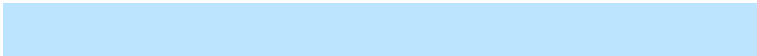
46.2646, -2.4686, 2.5136

Same Dimension

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



87.7578, -10.5822, -9.4594



85.8799, -11.3671, -12.5958



79.4745, 3.2610, -20.9239



43.8075, -3.6875, -0.4773



39.9741, -0.5854, -48.7004



13.3034, -1.5503, -13.2813

Inverse Universe

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



82.3078, 20.4864, -3.9202



79.4699, 25.8927, -5.6011



95.9556, -10.5040, 25.5561



42.6264, 2.7353, 0.5226



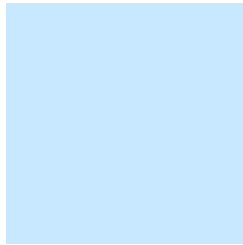
35.1299, 63.6686, -4.4906



11.0599, 20.2204, -2.7764

Previews

White Background



This preview shows how the HunterLab color 87.7560, -10.5809, -9.4609 looks on a white background.

Color Contrast Check

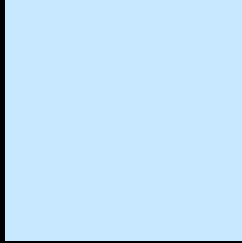
Large Text (above 18pt) WCAG AA × Fail

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 87.7560, -10.5809, -9.4609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

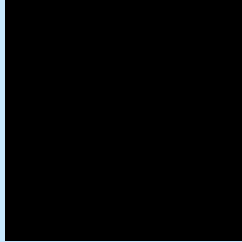
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

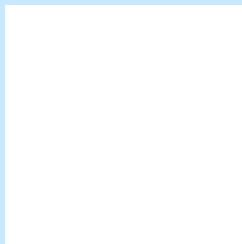
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.7560, -10.5809, -9.4609 Background



This preview shows how black text looks on a background with the HunterLab color 87.7560, -10.5809, -9.4609.



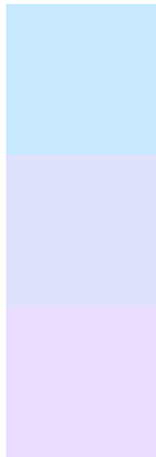
This preview shows how white text looks on a background with the HunterLab color 87.7560,

-10.5809, -9.4609.

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

87.7560, -10.5809, -9.4609

Protanopia

87.5213, -0.3608, -7.3450

Deuteranopia

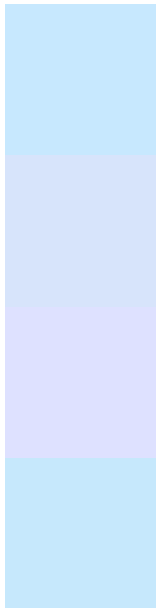
87.5186, 6.2700, -10.0543



Tritanopia

87.5694, -11.4608, -8.0341

Trichromacy



Original Color

87.7560, -10.5809, -9.4609

Protanomaly

87.6920, -4.5001, -7.7503

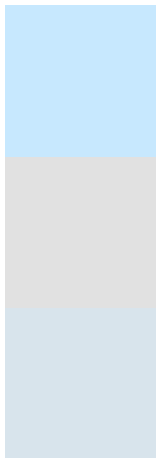
Deuteranomaly

87.5214, 0.0028, -10.1602

Tritanomaly

87.6055, -11.2603, -8.5437

Monochromacy



Original Color

87.7560, -10.5809, -9.4609

Achromatopsia

86.7722, -4.6299, 4.7145

Achromatomaly

87.2593, -7.0498, -0.2752

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7560, -10.5809, -9.4609 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(199, 232, 254)` looks like.

```
.text, #text, p{  
    color:rgb(199, 232, 254)  
}
```

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(199, 232, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 232, 254) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7560, -10.5809, -9.4609 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(199, 232, 254) }
```


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

```
.border{ border-color:rgb(199, 232, 254) }
```

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

Here you see how a box with a 4 pixel rgb(199, 232, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 232, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 232, 254);  
box-shadow:4px 4px 4px 4px rgb(199, 232,  
254) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7560, -10.5809, -9.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 232, 254) }
```

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

```
.background{ background-color: rgb(199,  
232, 254) }
```

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