

Converting Colors

HunterLab(87.7217, -9.9059,
5.0084)

Have a look what the booklet for
HunterLab(87.7217, -9.9059, 5.0084)
contains.

HunterLab(87.5691, -9.8592, 5.0712)	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(87.5691, -9.8592,
5.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E6E2
RGB	216, 230, 226
RGB Percent	85%, 90%, 89%
CMY	0.1529, 0.0980, 0.1137
CMYK	0.06, 0.00, 0.02, 0.10
HSL	163°, 22%, 87%
HSV	163°, 6%, 90%
XYZ	70.3431, 76.6835, 83.0454
YIQ	225.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

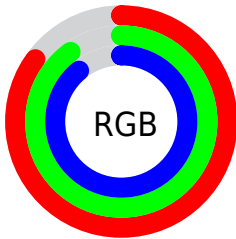
Format	Color
R _Y B	216, 224, 230
Decimal	14214882
CIE Lab	90.18, -5.39, 0.33
CIE LCh	90, 5.396, 176.486
Yxy	76.6867, 0.3057, 0.3333
Android (android.graphics.Color)	4292404962 (0xFFD8E6E2)
YUV	225.3580, 0.3165, -8.2070
Hunter-Lab	87.5691, -9.8592, 5.0712

Details

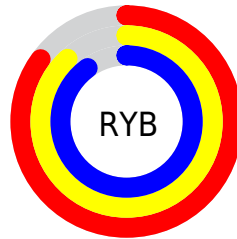
The HunterLab color $87.5691, -9.8592, 5.0712$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84.3232, 0.8472, 4.3630$, and the grayscale version is $86.9307, -4.6384, 4.7231$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.1695, -8.3208, 3.7969$ is the 20% darker color. If you saturate the color by 10%, you get $85.4816, -17.7600, 5.6747$, and if you desaturate by 10%, it is $89.8925, -1.3483, 4.7299$.

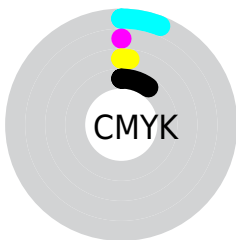
Distribution



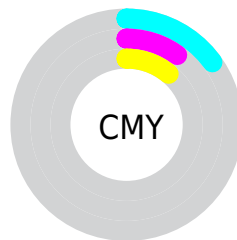
- Red (85%)
- Green (90%)
- Blue (89%)



- Red (85%)
- Yellow (88%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.5691, -9.8592, 5.0712 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 87.5691, -9.8592, 5.0712 by changing the saturation by 10% instead.

■ 87.5691, -9.8592,
5.0712

■ 87.5691, -9.8592,
5.0712

219.9307,
-18.8312, 12.3875

■ 75.4956, -8.9599,
4.4004

113.4448,
-11.7208, 6.5086

■ 64.0327, -8.0774,
3.7609

127.1949,
-12.6796, 7.2701

■ 53.2170, -7.2128,
3.1556

141.4597,
-13.6576, 8.0591

■ 43.0899, -6.3648,
2.5867

156.2211,
-14.6547, 8.8747

■ 33.7018, -5.5312,
2.0566

171.4630,
-15.6709, 9.7160

■ 25.1163, -4.7079,
1.5684

187.1706,

■ 17.4167, -3.8875,

-16.7058, 10.5824

1.1259

203.3307,
-17.7593, 11.4731

■ 10.7201, -3.0547,
0.7345

■ 1.4007, -2.4513,
0.9805

■ 87.5691, -9.8592,
5.0712

■ 87.5691, -9.8592,
5.0712

■ 85.4816, -17.7600,
5.6747

■ 89.8925, -1.3483,
4.7299

■ 83.6296, -24.9738,
6.5360

■ 91.7047, 5.2404,
3.7265

■ 82.0178, -31.4381,
7.6505

■ 91.9204, 6.3971,
0.6557

■ 80.6459, -37.1003,
9.0062

■ 92.1434, 7.5898,
-2.5107

■ 79.5103, -41.9251,
10.5845

■ 92.2369, 8.0891,
-3.8364

■ 78.6032, -45.8992,
12.3604

■ 77.9120, -49.0364,
14.3025

■ 77.4184, -51.3832,
16.3735

■ 77.0960, -53.0275,
18.5291

Harmonies

Analogous

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



87.5710, -9.0158, 7.4822



87.5691, -9.8592, 5.0712



87.5710, -9.3314, 2.5078

Triad

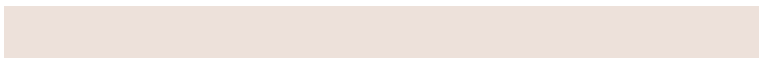
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5710, -9.8611, 5.0726



87.5710, -2.3212, 0.1732



87.5710, -1.7567, 8.8332

Complementary

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



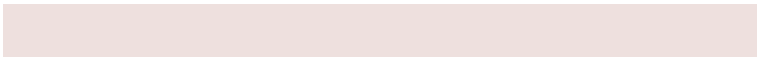
87.5691, -9.8592, 5.0712



84.3232, 0.8472, 4.3630

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.



87.5710, 0.0762, 6.9671



87.5691, -9.8592, 5.0712



87.5710, -0.2525, 1.9614

Square

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



87.5710, -9.8611, 5.0726



87.5710, -4.9991, -0.3712



87.5710, 0.6300, 4.4598



87.5710, -4.3549, 9.6111

Rectangle

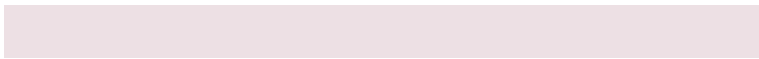
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5691, -9.8592, 5.0712



87.5710, -8.2663, 1.0633



87.5710, 0.6300, 4.4598



87.5710, -1.0295, 8.3152

Sweetspot

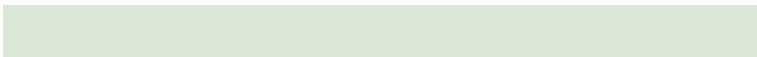
The Sweet Spot groups the original color and five complimentary colors.



87.5710, -9.8611, 5.0726



99.4746, -7.2622, 5.5101



87.6366, -10.2373, 9.8692



46.0334, -3.3160, 2.5474

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

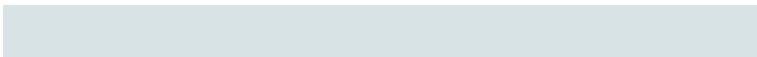
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5710, -9.8611, 5.0726



98.2069, -11.9609, 5.7540



86.8117, -7.7249, 2.2258



40.5155, -5.1390, 2.3892



57.9523, -40.1793, 14.3003



15.8038, -10.6162, 3.1639

Inverse Universe

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



84.3232, 0.8472, 4.3630



93.9901, 1.9439, 4.8335



85.0539, -1.2878, 7.0998



38.6451, 1.0290, 1.9811



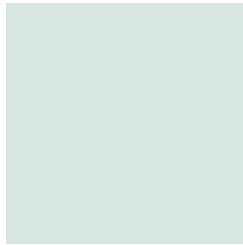
31.2466, 54.2766, 14.2544



8.5855, 15.0909, 2.5407

Previews

White Background



This preview shows how the HunterLab color 87.5691, -9.8592, 5.0712 looks on a white background.

Color Contrast Check

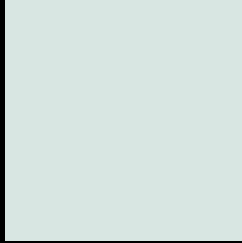
Large Text (above 18pt) WCAG AA × Fail

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 87.5691, -9.8592, 5.0712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

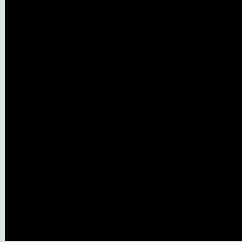
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

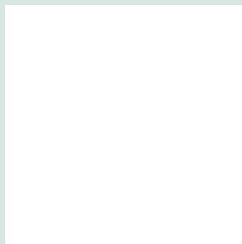
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.5691, -9.8592, 5.0712 Background



This preview shows how black text looks on a background with the HunterLab color 87.5691, -9.8592, 5.0712.

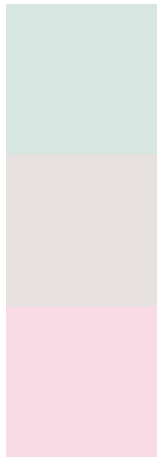


This preview shows how white text looks on a background with the HunterLab color 87.5691, -9.8592,

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

87.5691, -9.8592, 5.0712

Protanopia

87.5839, -3.5352, 6.6475

Deuteranopia

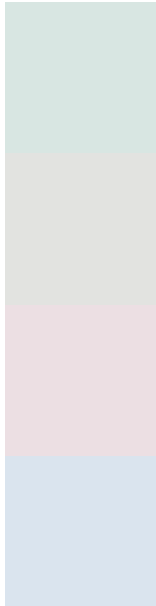
87.3046, 6.7882, 4.0692



Tritanopia

87.5162, -3.9265, -4.6662

Trichromacy



Original Color

87.5691, -9.8592, 5.0712

Protanomaly

87.4578, -5.5133, 5.9865

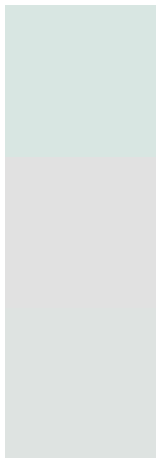
Deuteranomaly

87.2664, 0.3760, 4.4047

Tritanomaly

87.5016, -6.0679, -0.9975

Monochromacy



Original Color

87.5691, -9.8592, 5.0712

Achromatopsia

86.7722, -4.6299, 4.7145

Achromatomaly

87.1229, -6.6214, 5.0916

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5691, -9.8592, 5.0712 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(216, 230, 226)` looks like.

```
.text, #text, p{  
    color:rgb(216, 230, 226)  
}
```

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(216, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 230, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5691, -9.8592, 5.0712 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(216, 230, 226) }
```


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

```
.border{ border-color:rgb(216, 230, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 230, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(216, 230,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5691, -9.8592, 5.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 230, 226) }
```

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

```
.background{ background-color: rgb(216,  
230, 226) }
```

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