

Converting Colors

HunterLab(87.0272, -5.2442,
4.4839)

Have a look what the booklet for
HunterLab(87.0272, -5.2442, 4.4839)
contains.

HunterLab(87.0236, -5.2957, 4.5095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(87.0236, -5.2957,
4.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E2E2
RGB	224, 226, 226
RGB Percent	88%, 89%, 89%
CMY	0.1216, 0.1137, 0.1137
CMYK	0.01, 0.00, 0.00, 0.11
HSL	180°, 3%, 88%
HSV	180°, 1%, 89%
XYZ	71.6643, 75.7311, 82.7921
YIQ	225.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

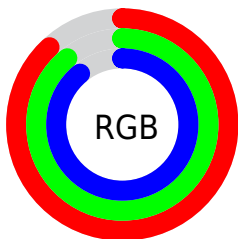
Format	Color
R_{YB}	224, 225, 226
Decimal	14738146
CIE Lab	89.74, -0.67, -0.24
CIE LCh	90, 0.713, 200.049
Yxy	75.7343, 0.3113, 0.3290
Android (android.graphics.Color)	4292928226 (0xFFE0E2E2)
YUV	225.4020, 0.2948, -1.2296
Hunter-Lab	87.0236, -5.2957, 4.5095

Details

The HunterLab color $87.0236, -5.2957, 4.5095$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86.5239, -3.9587, 4.9197$, and the grayscale version is $86.9482, -4.6393, 4.7241$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.6405, -4.0142, 3.2504$ is the 20% darker color. If you saturate the color by 10%, you get $85.0633, -12.2207, 2.0709$, and if you desaturate by 10%, it is $89.2138, 2.2380, 7.1735$.

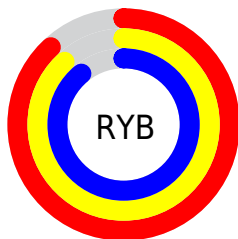
Distribution



Red (88%)

Green (89%)

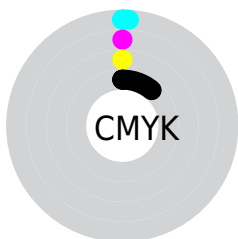
Blue (89%)



Red (88%)

Yellow (88%)

Blue (89%)

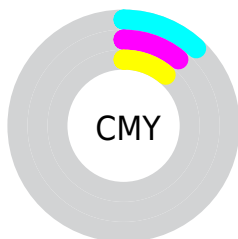


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0236, -5.2957, 4.5095 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 87.0236, -5.2957, 4.5095 by changing the saturation by 10% instead.

■ 87.0236, -5.2957,
4.5095

■ 87.0236, -5.2957,
4.5095

219.1889,
-12.5915, 11.6235

■ 74.9764, -4.6226,
3.8660

112.8500, -6.7360,
5.8962

■ 63.5414, -3.9785,
3.2550

126.5770, -7.4968,
6.6338

■ 52.7552, -3.3672,
2.6801

140.8194, -8.2842,
7.3998

■ 42.6596, -2.7902,
2.1436

155.5593, -9.0973,
8.1932

■ 33.3054, -2.2499,
1.6485

170.7803, -9.9353,
9.0130

■ 24.7570, -1.7487,
1.1986

186.4677,

■ 17.0989, -1.2898,

-10.7974, 9.8586

0.7989

202.6080,
-11.6830, 10.7290

■ 10.4501, -0.8772,
0.4568

0.0000, NaN, NaN

■ 87.0236, -5.2957,
4.5095

■ 87.0236, -5.2957,
4.5095

■ 85.0633, -12.2207,
2.0709

■ 89.2138, 2.2380,
7.1735

■ 83.3319, -18.4690,
-0.1253

■ 90.0841, 5.1854,
8.2037

■ 81.8338, -23.9880,
-2.0596

■ 90.0854, 5.1923,
8.1853

■ 80.5686, -28.7350,
-3.7176

■ 90.0866, 5.1991,
8.1669

■ 79.5328, -32.6830,
-5.0909

■ 90.0879, 5.2060,
8.1486

■ 78.7192, -35.8247,
-6.1777

■ 90.0892, 5.2129,
8.1302

■ 78.1165, -38.1764,
-6.9844

■ 90.0905, 5.2198,
8.1119

■ 77.7085, -39.7807,
-7.5266

■ 90.0918, 5.2267,
8.0935

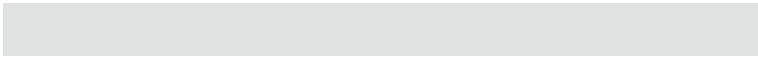
■ 77.4733, -40.7115,
-7.8310

■ 90.0931, 5.2336,
8.0751

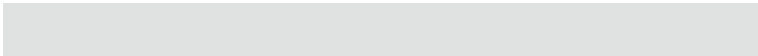
Harmonies

Analogous

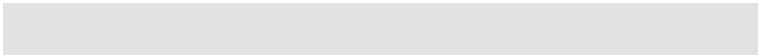
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0255, -5.3292, 4.8508



87.0236, -5.2957, 4.5095



87.0255, -5.0924, 4.2305

Triad

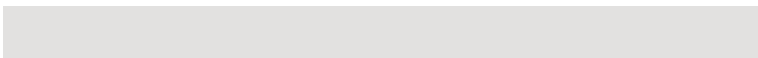
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0255, -5.2977, 4.5109



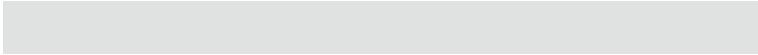
87.0255, -4.1166, 4.3130



87.0255, -4.5284, 5.3834

Complementary

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



87.0236, -5.2957, 4.5095



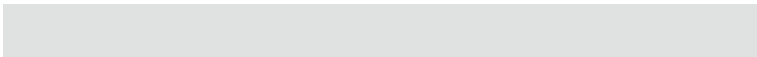
86.5239, -3.9587, 4.9197

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.



87.0255, -4.2030, 5.2405



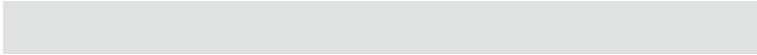
87.0236, -5.2957, 4.5095



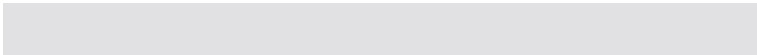
87.0255, -3.9650, 4.6231

Square

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



87.0255, -5.2977, 4.5109



87.0255, -4.4106, 4.1159



87.0255, -3.9966, 4.9626



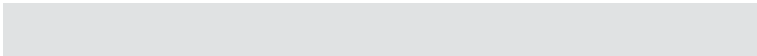
87.0255, -4.8854, 5.3536

Rectangle

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



87.0236, -5.2957, 4.5095



87.0255, -4.8843, 4.1155



87.0255, -3.9966, 4.9626



87.0255, -4.4117, 5.3540

Sweetspot

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



87.0255, -5.2977, 4.5109

100.0000, -5.3358, 5.4332



86.9658, -5.6314, 5.4100



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

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



87.0255, -5.2977, 4.5109



99.7593, -6.1742, 5.1373



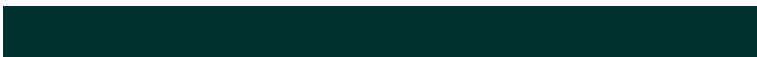
86.7232, -4.7961, 4.1608



40.2385, -2.4691, 2.0792



58.4386, -31.0532, -6.0083



15.3860, -8.1727, -1.5885

Inverse Universe

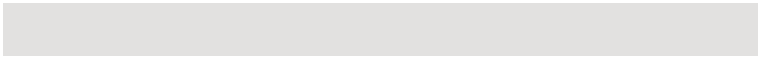
The Inverse Universe completely reimagines the original color for something new.



86.5239, -3.9587, 4.9197



99.1065, -4.4312, 5.6694



86.8250, -4.4612, 5.2658



39.9916, -1.8098, 2.2805



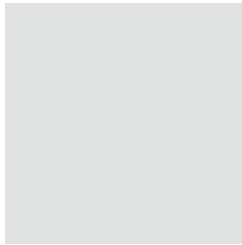
30.3727, 52.0165, 19.6078



7.9973, 13.6981, 5.1485

Previews

White Background



This preview shows how the HunterLab color 87.0236, -5.2957, 4.5095 looks on a white background.

Color Contrast Check

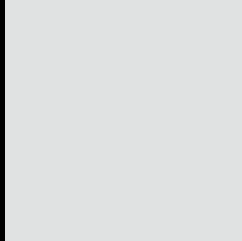
Large Text (above 18pt) WCAG AA × Fail

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 87.0236, -5.2957, 4.5095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

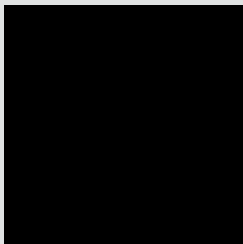
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

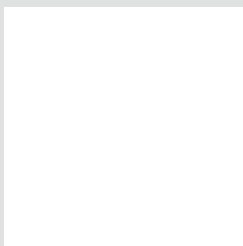
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.0236, -5.2957, 4.5095 Background



This preview shows how black text looks on a background with the HunterLab color 87.0236, -5.2957, 4.5095.



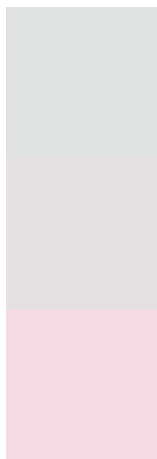
This preview shows how white text looks on a background with the HunterLab color 87.0236, -5.2957,

4.5095.

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

87.0236, -5.2957, 4.5095

Protanopia

86.8364, -2.8114, 4.8218

Deuteranopia

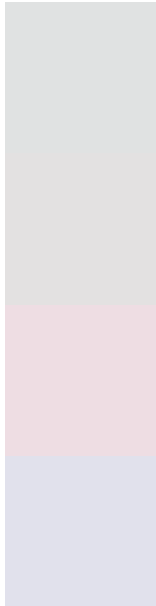
86.7969, 6.6244, 3.4620



Tritanopia

87.0810, -0.9166, -3.0178

Trichromacy



Original Color

87.0236, -5.2957, 4.5095

Protanomaly

86.9584, -3.9833, 4.9447

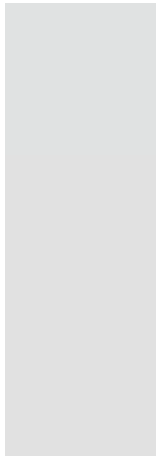
Deuteranomaly

86.8540, 2.1056, 3.9463

Tritanomaly

87.1287, -2.6812, -0.3600

Monochromacy



Original Color

87.0236, -5.2957, 4.5095

Achromatopsia

86.7722, -4.6299, 4.7145

Achromatomaly

86.7722, -4.6299, 4.7145

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0236, -5.2957, 4.5095 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(224, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 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(224, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0236, -5.2957, 4.5095 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(224, 226, 226) }
```

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

```
.border{ border-color:rgb(224, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
226) }
```


Background

The CSS property to change the background color of an element to HunterLab 87.0236, -5.2957, 4.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 226, 226) }
```

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

```
.background{ background-color: rgb(224,  
226, 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