

Converting Colors

HunterLab(85.7823, -6.2180,
8.0768)

Have a look what the booklet for
HunterLab(85.7823, -6.2180, 8.0768)
contains.

HunterLab(85.6862, -5.7658, 7.7458)	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(85.6862, -5.7658,
7.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDFD8
RGB	223, 223, 216
RGB Percent	87%, 87%, 85%
CMY	0.1255, 0.1255, 0.1529
CMYK	0.00, 0.00, 0.03, 0.13
HSL	60°, 10%, 86%
HSV	60°, 3%, 87%
XYZ	69.2138, 73.4212, 75.4896
YIQ	222.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

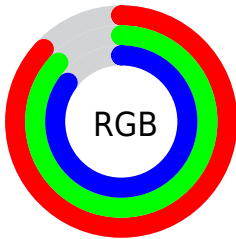
Format	Color
RYB	216, 223, 216
Decimal	14671832
CIELab	88.65, -1.24, 3.42
CIELCh	89, 3.633, 109.882
Yxy	73.4244, 0.3173, 0.3366
Android (android.graphics.Color)	4292861912 (0xFFDFDFD8)
YUV	222.2020, -3.0576, 0.6998
Hunter-Lab	85.6862, -5.7658, 7.7458

Details

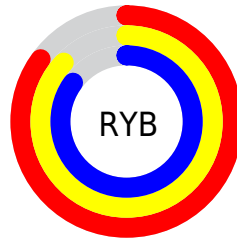
The HunterLab color $85.6862, -5.7658, 7.7458$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83.0906, -3.2004, 1.3263$, and the grayscale version is $85.5686, -4.5657, 4.6491$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $62.3725, -4.4541, 6.3038$ is the 20% darker color. If you saturate the color by 10%, you get $85.0565, -9.2473, 16.7945$, and if you desaturate by 10%, it is $86.4056, -1.8456, -2.4540$.

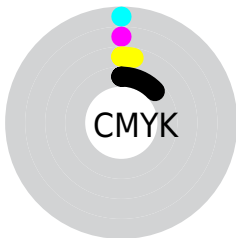
Distribution



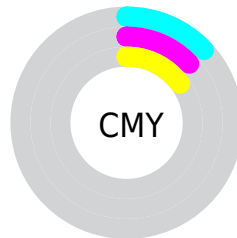
- Red (87%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.6862, -5.7658, 7.7458 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 85.6862, -5.7658, 7.7458 by changing the saturation by 10% instead.

■ 85.6862, -5.7658,
7.7458

■ 85.6862, -5.7658,
7.7458

217.3671,
-13.2364, 16.0735

■ 73.7042, -5.0691,
6.9379

111.3910, -7.2501,
9.4382

■ 62.3378, -4.4002,
6.1534

125.0608, -8.0316,
10.3192

■ 51.6245, -3.7623,
5.3939

139.2482, -8.8389,
11.2233

■ 41.6067, -3.1569,
4.6594

153.9348, -9.6712,
12.1499

■ 32.3367, -2.5858,
3.9494

169.1043,
-10.5277, 13.0987

■ 23.8804, -2.0507,
3.2625

184.7417,

■ 16.3254, -1.5536,

-11.4078, 14.0691

2.5952

200.8335,
-12.3109, 15.0609

■ 9.7956, -1.0962,
1.9917

0.0000, NaN, NaN

■ 85.6862, -5.7658,
7.7458

■ 85.6862, -5.7658,
7.7458

■ 85.0565, -9.2473,
16.7945

■ 86.4056, -1.8456,
-2.4540

■ 84.5091, -12.2837,
24.6878

■ 87.0003, 1.3798,
-10.8410

■ 84.0437, -14.8813,
31.4382

■ 87.0015, 1.3838,
-10.8394

■ 83.6572, -17.0490,
37.0689

■ 87.0027, 1.3879,
-10.8377

83.3462, -18.8008,
41.6169

87.0039, 1.3919,
-10.8360

83.1062, -20.1565,
45.1334

87.0051, 1.3959,
-10.8343

82.9320, -21.1420,
47.6860

87.0062, 1.4000,
-10.8327

82.8175, -21.7906,
49.3617

87.0074, 1.4040,
-10.8310

82.7546, -22.1458,
50.2735

87.0086, 1.4080,
-10.8293

Harmonies

Analogous

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



85.6881, -3.9588, 7.8887



85.6862, -5.7658, 7.7458



85.6881, -7.2461, 6.7893

Triad

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



85.6881, -5.7679, 7.7471



85.6881, -6.8282, 2.0697



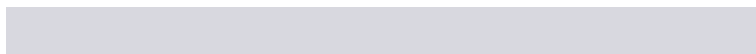
85.6881, -1.0915, 4.0752

Complementary

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



85.6862, -5.7658, 7.7458



83.0906, -3.2004, 1.3263

Split Complementary

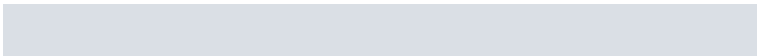
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6881, -1.8742, 2.4833



85.6862, -5.7658, 7.7458



85.6881, -5.1929, 1.3094

Square

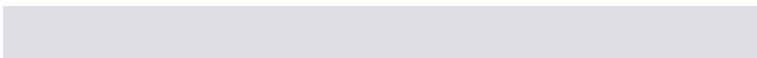
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



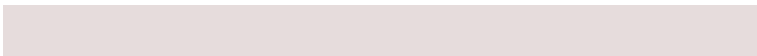
85.6881, -5.7679, 7.7471



85.6881, -7.8547, 3.5202



85.6881, -3.3790, 1.4624



85.6881, -1.2487, 5.7927

Rectangle

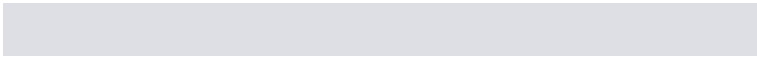
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6862, -5.7658, 7.7458



85.6881, -7.8498, 5.8055



85.6881, -3.3790, 1.4624



85.6881, -1.2537, 3.5070

Sweetspot

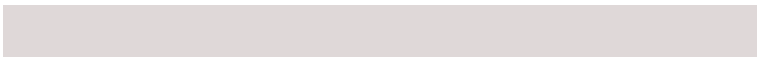
The Sweet Spot groups the original color and five complimentary colors.



85.6881, -5.7679, 7.7471



99.9182, -5.7835, 6.5977



83.5221, -2.1527, 5.3100



46.2286, -2.6655, 3.0259

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6881, -5.7679, 7.7471



99.6791, -7.0955, 10.0095



85.3666, -6.8927, 7.3601



40.1785, -2.9804, 4.3457



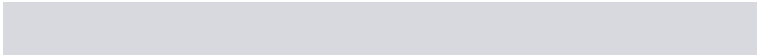
63.4377, -17.0760, 38.7911



16.7021, -4.4942, 10.2130

Inverse Universe

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



83.0906, -3.2004, 1.3263



95.8026, -3.2632, 0.4255



83.4140, -2.0825, 1.7383



38.3472, -1.1697, -0.1826



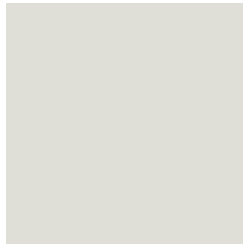
17.7010, 48.0104, -125.7445



4.6617, 12.6410, -33.0933

Previews

White Background



This preview shows how the HunterLab color 85.6862, -5.7658, 7.7458 looks on a white background.

Color Contrast Check

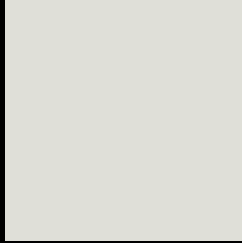
Large Text (above 18pt) WCAG AA × Fail

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 85.6862, -5.7658, 7.7458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

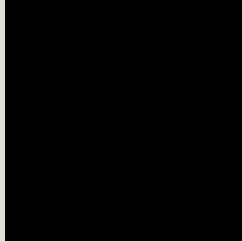
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

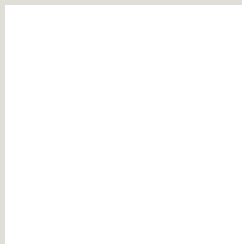
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.6862, -5.7658, 7.7458 Background



This preview shows how black text looks on a background with the HunterLab color 85.6862, -5.7658, 7.7458.

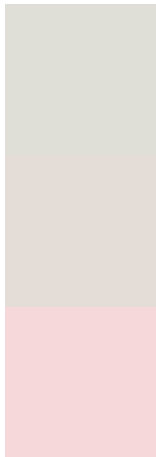


This preview shows how white text looks on a background with the HunterLab color 85.6862, -5.7658,

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

85.6862, -5.7658, 7.7458

Protanopia

85.5062, -3.2618, 8.0528

Deuteranopia

85.5895, 6.5529, 6.9064



Tritanopia

85.7144, 0.4463, -2.5962

Trichromacy



Original Color

85.6862, -5.7658, 7.7458

Protanomaly

85.6257, -4.4381, 8.1680

Deuteranomaly

85.6328, 2.0091, 7.3503

Tritanomaly

85.6607, -1.8508, 1.4432

Monochromacy



Original Color

85.6862, -5.7658, 7.7458

Achromatopsia

85.4670, -4.5603, 4.6436

Achromatomaly

85.4046, -4.9023, 5.5340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6862, -5.7658, 7.7458 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(223, 223, 216)` looks like.

```
.text, #text, p{  
    color:rgb(223, 223, 216)  
}
```

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(223, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 223, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6862, -5.7658, 7.7458 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(223, 223, 216) }
```


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

```
.border{ border-color:rgb(223, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(223, 223,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6862, -5.7658, 7.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 223, 216) }
```

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

```
.background{ background-color: rgb(223,  
223, 216) }
```

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