

Converting Colors

HunterLab(85.3317, -16.9432,
25.4400)

Have a look what the booklet for
HunterLab(85.3317, -16.9432,
25.4400) contains.

HunterLab(85.4553, -17.0889, 25.6267)	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(85.4553,
-17.0889, 25.6267)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E4AB
RGB	216, 228, 171
RGB Percent	85%, 89%, 67%
CMY	0.1529, 0.1059, 0.3294
CMYK	0.05, 0.00, 0.25, 0.11
HSL	73°, 51%, 78%
HSV	73°, 25%, 89%
XYZ	63.4130, 73.0261, 49.2813
YIQ	217.9140, 11.1450, -20.2710

Conversions

Conversions Part 2

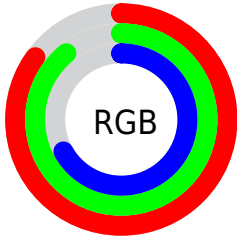
Format	Color
RYB	171, 228, 183
Decimal	14214315
CIELab	88.46, -13.36, 26.55
CIELCh	88, 29.720, 116.714
Yxy	73.0293, 0.3414, 0.3932
Android (android.graphics.Color)	4292404395 (0xFFD8E4AB)
YUV	217.9140, -23.1286, -1.6786
Hunter-Lab	85.4553, -17.0889, 25.6267

Details

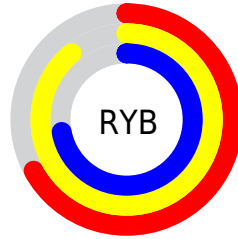
The HunterLab color $85.4553, -17.0889, 25.6267$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $66.9302, 11.1470, -23.5866$, and the grayscale version is $83.7898, -4.4708, 4.5525$.

A 20% lighter version of the original color is $99.1595, -9.9601, 17.4742$, and $62.2673, -14.6213, 21.7929$ is the 20% darker color. If you saturate the color by 10%, you get $84.5652, -21.2838, 32.0342$, and if you desaturate by 10%, it is $86.4392, -12.4587, 18.1165$.

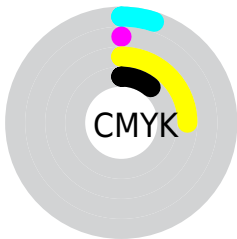
Distribution



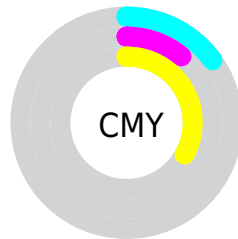
- Red (85%)
- Green (89%)
- Blue (67%)



- Red (67%)
- Yellow (89%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)





- Cyan (15%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.4553, -17.0889, 25.6267 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 85.4553, -17.0889, 25.6267 by changing the saturation by 10% instead.


 85.4553, -17.0889,
25.6267

 85.4553, -17.0889,
25.6267


217.0522,
-28.9226, 42.5333

 73.4846, -15.7993,
23.6222


 111.1390,
-19.6755, 29.5195

 62.1302, -14.5027,
21.5619


124.7989,
-20.9731, 31.4221

 51.4295, -13.1959,
19.4304


138.9767,
-22.2767, 33.3039

 41.4253, -11.8712,
17.2055

153.6541,
-23.5876, 35.1694

 32.1699, -10.5167,
14.8549

168.8147,
-24.9070, 37.0223

 23.7297, -9.1140,
12.3317

184.4434,

 16.1926, -7.6309,

-26.2355, 38.8656

9.9824

200.5267,
-27.5739, 40.7020

■ 9.6837, -6.5463,
6.7786

0.0000, NaN, NaN

■ 85.4553, -17.0889,
25.6267

■ 85.4553, -17.0889,
25.6267

■ 84.5652, -21.2838,
32.0342

■ 86.4392, -12.4587,
18.1165

■ 83.7613, -25.0349,
37.3462

■ 87.5122, -7.3927,
9.5030

■ 83.0430, -28.3482,
41.5877

■ 88.6770, -1.9040,
-0.1996

■ 82.4067, -31.2343,
44.7992

■ 89.6703, 2.5753,
-7.2552

■ 81.8478, -33.7112,
47.0401

■ 90.1315, 4.1380,
-6.6234

■ 81.3605, -35.8070,
48.3933

■ 90.6027, 5.7262,
-5.9816

■ 80.9366, -37.5632,
48.9743

■ 91.0838, 7.3394,
-5.3299

■ 80.7414, -38.3547,
49.0810

■ 91.5747, 8.9768,
-4.6687

■ 91.6351, 9.1777,
-4.5876

Harmonies

Analogous

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



85.4572, -2.9127, 27.6720



85.4553, -17.0889, 25.6267



85.4572, -27.2638, 18.3236

Triad

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



85.4572, -17.0912, 25.6277



85.4572, -19.7565, -21.4722



85.4572, 26.0279, 3.0715

Complementary

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



85.4553, -17.0889, 25.6267



66.9302, 11.1470, -23.5866

Split Complementary

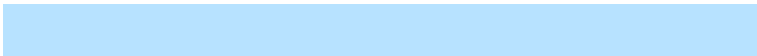
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4572, 20.7835, -11.7349



85.4553, -17.0889, 25.6267



85.4572, -6.2036, -27.3521

Square

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



85.4572, -17.0912, 25.6277



85.4572, -28.7268, -8.5587



85.4572, 8.7284, -23.5160



85.4572, 22.6221, 16.0406

Rectangle

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



85.4553, -17.0889, 25.6267



85.4572, -30.7488, 10.6928



85.4572, 8.7284, -23.5160



85.4572, 25.2098, -1.8654

Sweetspot

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



85.4572, -17.0912, 25.6277



98.9693, -10.1976, 13.9016



72.8398, 10.1505, 13.6994



45.7016, -5.1248, 7.1268

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.4572, -17.0912, 25.6277



96.4810, -21.9337, 33.0216



83.1473, -25.5873, 23.3130



40.8117, -4.5510, 6.3212



61.3960, -28.9770, 37.3247



16.8047, -7.4312, 10.2249

Inverse Universe

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



66.9302, 11.1470, -23.5866



71.2815, 16.6806, -34.4768



69.6873, 19.9623, -19.1608



37.4602, 0.5125, -2.4606



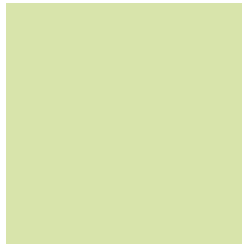
19.0758, 49.6232, -119.1095



5.5534, 13.8142, -29.7738

Previews

White Background



This preview shows how the HunterLab color 85.4553, -17.0889, 25.6267 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 85.4553, -17.0889, 25.6267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

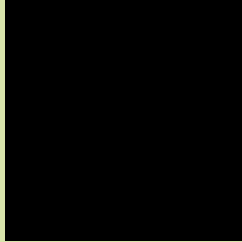
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

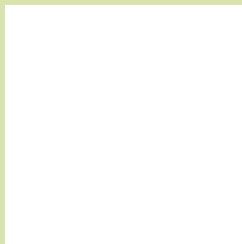
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.4553, -17.0889, 25.6267 Background



This preview shows how black text looks on a background with the HunterLab color 85.4553, -17.0889, 25.6267.



This preview shows how white text looks on a background with the HunterLab color 85.4553,

-17.0889, 25.6267.

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

85.4553, -17.0889, 25.6267

Protanopia

85.1731, -6.8588, 26.5752

Deuteranopia

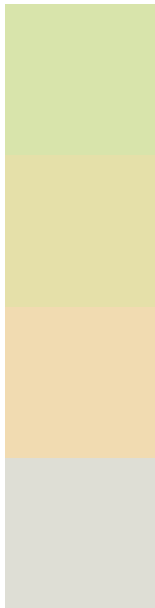
85.2580, 4.9473, 22.2213



Tritanopia

85.3141, 0.6508, -3.0992

Trichromacy



Original Color

85.4553, -17.0889, 25.6267

Protanomaly

85.3428, -11.0343, 26.3173

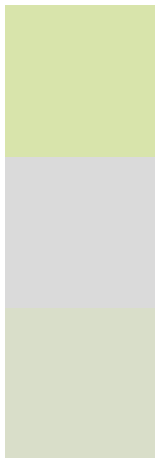
Deuteranomaly

85.1693, -3.2964, 23.4672

Tritanomaly

85.1917, -6.0710, 8.5772

Monochromacy



Original Color

85.4553, -17.0889, 25.6267

Achromatopsia

83.7318, -4.4677, 4.5493

Achromatomaly

84.3868, -9.5945, 13.0064

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.4553, -17.0889, 25.6267 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, 228, 171)` looks like.

```
.text, #text, p{  
    color:rgb(216, 228, 171)  
}
```

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, 228, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 228, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 85.4553, -17.0889, 25.6267 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, 228, 171) }
```


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

```
.border{ border-color:rgb(216, 228, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 228, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 228, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 228, 171); box-shadow:4px 4px 4px 4px rgb(216, 228, 171) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.4553, -17.0889, 25.6267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 228, 171) }
```

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

```
.background{ background-color: rgb(216,  
228, 171) }
```

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