

Converting Colors

HunterLab(85.5223, -18.6329,
13.6334)

Have a look what the booklet for
HunterLab(85.5223, -18.6329,
13.6334) contains.

HunterLab(85.5203, -18.6312, 13.6323)	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(85.5203,
-18.6312, 13.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E6CA
RGB	200, 230, 202
RGB Percent	78%, 90%, 79%
CMY	0.2157, 0.0980, 0.2078
CMYK	0.13, 0.00, 0.12, 0.10
HSL	124°, 38%, 84%
HSV	124°, 13%, 90%
XYZ	62.7768, 73.1372, 66.6852
YIQ	217.8380, -8.8920, -15.0680

Conversions

Conversions Part 2

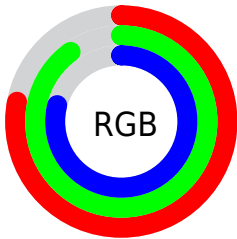
Format	Color
R_{YB}	200, 228, 230
Decimal	13166282
CIE _{Lab}	88.51, -15.05, 10.35
CIE _{LCh}	89, 18.269, 145.488
Yxy	73.1403, 0.3099, 0.3610
Android (android.graphics.Color)	4291356362 (0xFFC8E6CA)
YUV	217.8380, -7.8081, -15.6439
Hunter-Lab	85.5203, -18.6312, 13.6323

Details

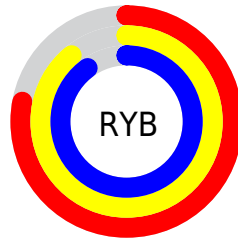
The HunterLab color $85.5203, -18.6312, 13.6323$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $79.8340, 10.7515, -5.1318$, and the grayscale version is $83.6987, -4.4660, 4.5475$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $62.0655, -15.6181, 11.2069$ is the 20% darker color. If you saturate the color by 10%, you get $83.2231, -28.2691, 19.8205$, and if you desaturate by 10%, it is $88.1123, -8.1087, 6.9533$.

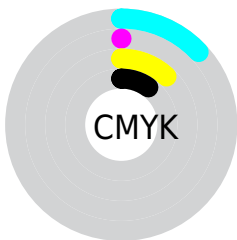
Distribution



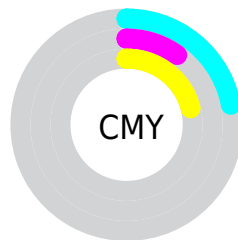
- Red (78%)
- Green (90%)
- Blue (79%)



- Red (78%)
- Yellow (89%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.5203, -18.6312, 13.6323 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 85.5203, -18.6312, 13.6323 by changing the saturation by 10% instead.

■ 85.5203, -18.6312,
13.6323

■ 85.5203, -18.6312,
13.6323

217.1407,
-31.0874, 24.4028

■ 73.5464, -17.2558,
12.4885

111.2099,
-21.3754, 15.9456

■ 62.1886, -15.8687,
11.3474

124.8726,
-22.7468, 17.1164

■ 51.4843, -14.4652,
10.2061

139.0531,
-24.1213, 18.2985

■ 41.4763, -13.0360,
9.0587

153.7331,
-25.5005, 19.4928

■ 32.2168, -11.5673,
7.8961

168.8961,
-26.8858, 20.7000

■ 23.7721, -10.0373,
6.7035

184.5273,

■ 16.2300, -8.4085,

-28.2782, 21.9205

5.4551

200.6130,
-29.6785, 23.1547

■ 9.7152, -7.2924,
4.9534

0.0000, NaN, NaN

■ 85.5203, -18.6312,
13.6323

■ 85.5203, -18.6312,
13.6323

■ 83.2231, -28.2691,
19.8205

■ 88.1123, -8.1087,
6.9533

■ 81.2232, -36.8983,
25.4375

■ 90.9826, 3.1811,
-0.1424

■ 79.5268, -44.4152,
30.4132

■ 92.2369, 8.0892,
-3.8364

■ 78.1336, -50.7374,
34.6883

■ 77.0376, -55.8162,
38.2218

■ 76.2261, -59.6458,
40.9961

■ 75.6791, -62.2720,
43.0224

■ 75.3669, -63.8011,
44.3435

■ 75.2542, -64.3623,
44.8785

Harmonies

Analogous

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



85.5221, -12.0323, 18.4684



85.5203, -18.6312, 13.6323



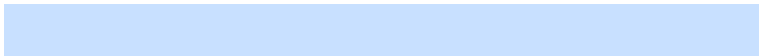
85.5221, -21.4639, 5.9658

Triad

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



85.5221, -18.6330, 13.6334



85.5221, -5.9522, -13.8342



85.5221, 11.9572, 11.5706

Complementary

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



85.5203, -18.6312, 13.6323



79.8340, 10.7515, -5.1318

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.



85.5221, 13.7511, 3.3235



85.5203, -18.6312, 13.6323



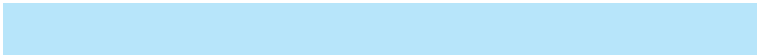
85.5221, 3.1617, -11.9325

Square

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



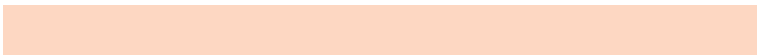
85.5221, -18.6330, 13.6334



85.5221, -14.3414, -10.3700



85.5221, 10.4695, -5.4161



85.5221, 5.6654, 17.3685

Rectangle

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



85.5203, -18.6312, 13.6323



85.5221, -20.9233, 0.0486



85.5221, 10.4695, -5.4161



85.5221, 13.1173, 9.0190

Sweetspot

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



85.5221, -18.6330, 13.6334



98.7514, -10.3123, 8.5727



87.8985, -10.2073, 17.1248



45.5809, -5.1967, 4.2354

0.0000, NaN, NaN



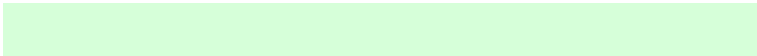
46.2646, -2.4686, 2.5136

Same Dimension

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



85.5221, -18.6330, 13.6334



95.3162, -24.3574, 17.5070



85.9569, -16.1859, 7.4013



40.1306, -6.9423, 5.2416



56.6272, -48.3920, 33.6854



15.4114, -13.0426, 8.8924

Inverse Universe

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



79.8340, 10.7515, -5.1318



87.4645, 16.2283, -8.4076



79.3330, 8.0928, 1.9782



38.2070, 2.9896, -1.1019



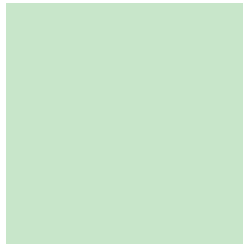
35.0706, 67.9725, -38.6786



9.5599, 18.5694, -10.8593

Previews

White Background



This preview shows how the HunterLab color 85.5203, -18.6312, 13.6323 looks on a white background.

Color Contrast Check

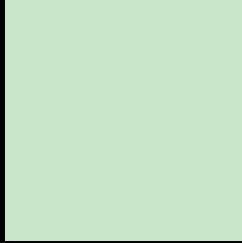
Large Text (above 18pt) WCAG AA × Fail

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 85.5203, -18.6312, 13.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

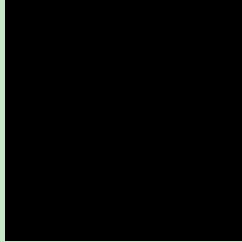
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

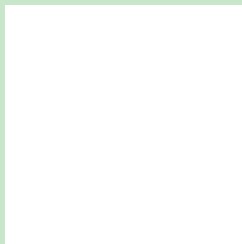
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.5203, -18.6312, 13.6323 Background



This preview shows how black text looks on a background with the HunterLab color 85.5203, -18.6312, 13.6323.



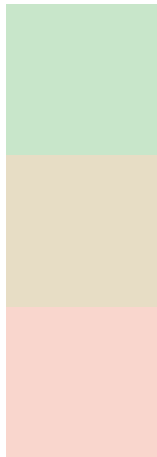
This preview shows how white text looks on a background with the HunterLab color 85.5203,

-18.6312, 13.6323.

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

85.5203, -18.6312, 13.6323

Protanopia

85.2837, -5.0597, 15.7396

Deuteranopia

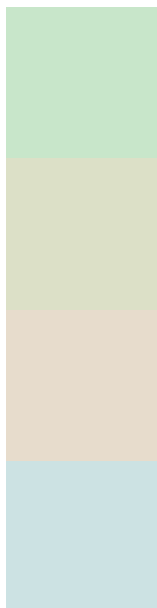
85.2295, 6.1084, 12.4458



Tritanopia

85.4327, -6.5639, -5.7704

Trichromacy



Original Color

85.5203, -18.6312, 13.6323

Protanomaly

85.2352, -9.9397, 14.7621

Deuteranomaly

85.1675, -3.4905, 12.6494

Tritanomaly

85.3089, -11.2693, 1.8617

Monochromacy



Original Color

85.5203, -18.6312, 13.6323

Achromatopsia

83.7318, -4.4677, 4.5493

Achromatomaly

84.1694, -9.7275, 7.8185

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.5203, -18.6312, 13.6323 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(200, 230, 202)` looks like.

```
.text, #text, p{  
    color:rgb(200, 230, 202)  
}
```

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(200, 230, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 230, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 85.5203, -18.6312, 13.6323 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(200, 230, 202) }
```


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

```
.border{ border-color:rgb(200, 230, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 230, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 230, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 230, 202);  
box-shadow:4px 4px 4px 4px rgb(200, 230,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.5203, -18.6312, 13.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 230, 202) }
```

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

```
.background{ background-color: rgb(200,  
230, 202) }
```

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