

Converting Colors

HunterLab(86.4386, -16.4327,
21.0007)

Have a look what the booklet for
HunterLab(86.4386, -16.4327,
21.0007) contains.

HunterLab(86.3631, -16.4094, 21.0374)	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(86.3631,
-16.4094, 21.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E6BA
RGB	215, 230, 186
RGB Percent	84%, 90%, 73%
CMY	0.1569, 0.0980, 0.2706
CMYK	0.07, 0.00, 0.19, 0.10
HSL	80°, 47%, 82%
HSV	80°, 19%, 90%
XYZ	65.1841, 74.5859, 57.4153
YIQ	220.4990, 5.1840, -16.8640

Conversions

Conversions Part 2

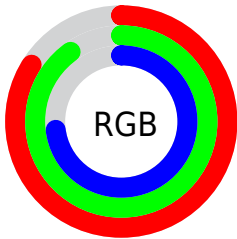
Format	Color
R _{YB}	186, 230, 201
Decimal	14149306
CIE Lab	89.20, -12.51, 19.80
CIE LCh	89, 23.422, 122.294
Yxy	74.5891, 0.3306, 0.3783
Android (android.graphics.Color)	4292339386 (0xFFD7E6BA)
YUV	220.4990, -17.0080, -4.8226
Hunter-Lab	86.3631, -16.4094, 21.0374

Details

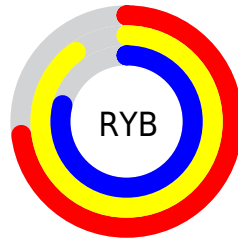
The HunterLab color $86.3631, -16.4094, 21.0374$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $72.9730, 9.1136, -15.7037$, and the grayscale version is $84.8867, -4.5293, 4.6121$.

A 20% lighter version of the original color is $99.5946, -7.5613, 11.2284$, and $62.8006, -13.6401, 17.5088$ is the 20% darker color. If you saturate the color by 10%, you get $85.1641, -21.8429, 27.9718$, and if you desaturate by 10%, it is $87.6718, -10.5174, 13.0439$.

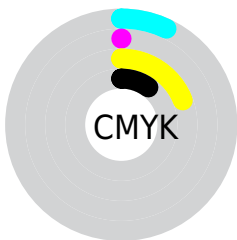
Distribution



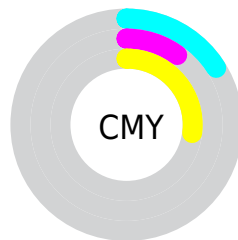
- Red (84%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (79%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.3631, -16.4094, 21.0374 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 86.3631, -16.4094, 21.0374 by changing the saturation by 10% instead.

■ 86.3631, -16.4094,
21.0374

■ 86.3631, -16.4094,
21.0374

218.2897,
-27.9382, 35.3180

■ 74.3481, -15.1622,
19.4046

■ 112.1296,
-18.9178, 24.2504

■ 62.9468, -13.9109,
17.7422

125.8285,
-20.1791, 25.8390

■ 52.1965, -12.6530,
16.0405

140.0437,
-21.4480, 27.4212

■ 42.1392, -11.3815,
14.2844

154.7574,
-22.7256, 28.9997

■ 32.8264, -10.0862,
12.4518

169.9530,
-24.0128, 30.5770

■ 24.3233, -8.7507,
10.5087

185.6157,

■ 16.7159, -7.3468,

-25.3103, 32.1548

8.4018

201.7321,
-26.6186, 33.7347

■ 10.1255, -6.0389,
7.0879

0.0000, NaN, NaN

■ 86.3631, -16.4094,
21.0374

■ 86.3631, -16.4094,
21.0374

■ 85.1641, -21.8429,
27.9718

■ 87.6718, -10.5174,
13.0439

■ 84.0687, -26.7971,
33.8353

■ 89.0841, -4.1790,
4.0078

■ 83.0775, -31.2650,
38.6337

■ 90.6011, 2.5813,
-6.0388

■ 82.1885, -35.2440,
42.3879

■ 91.3657, 5.1675,
-5.0043

■ 81.3983, -38.7396,
45.1370

■ 92.1564, 7.8200,
-3.9438

■ 80.7024, -41.7669,
46.9429

■ 92.2370, 8.0890,
-3.8363

■ 80.0942, -44.3537,
47.8965

■ 79.5621, -46.5614,
48.1679

■ 79.5181, -46.7436,
48.1804

Harmonies

Analogous

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



86.3650, -5.5197, 23.6177



86.3631, -16.4094, 21.0374



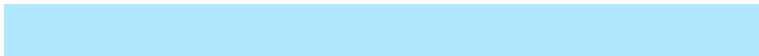
86.3650, -23.8094, 14.1523

Triad

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



86.3650, -16.4116, 21.0385



86.3650, -14.9179, -16.6906



86.3650, 19.2651, 5.5610

Complementary

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



86.3631, -16.4094, 21.0374



72.9730, 9.1136, -15.7037

Split Complementary

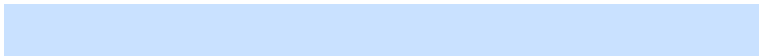
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3650, 16.4222, -5.9560



86.3631, -16.4094, 21.0374



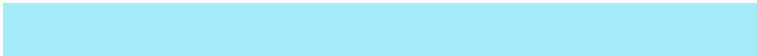
86.3650, -3.7023, -19.7847

Square

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



86.3650, -16.4116, 21.0385



86.3650, -22.9801, -7.6526



86.3650, 7.8554, -15.6222



86.3650, 15.4304, 15.4626

Rectangle

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



86.3631, -16.4094, 21.0374



86.3650, -25.9808, 7.5475



86.3650, 7.8554, -15.6222



86.3650, 19.0585, 1.7543

Sweetspot

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



86.3650, -16.4116, 21.0385



99.0340, -9.6682, 11.6405



78.7329, 3.4791, 13.5923



45.7702, -4.6862, 5.6863

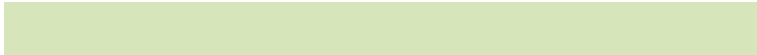
0.0000, NaN, NaN



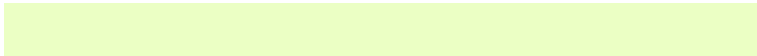
46.2646, -2.4686, 2.5136

Same Dimension

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



86.3650, -16.4116, 21.0385



96.5318, -20.9538, 26.9107



84.5716, -22.9672, 19.1424



40.6919, -4.9756, 6.1846



59.8883, -34.9355, 36.2913



16.4351, -8.8783, 9.9718

Inverse Universe

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



72.9730, 9.1136, -15.7037



78.4283, 13.6263, -22.9555



75.1452, 16.1826, -12.4831



37.5830, 0.9307, -2.2942



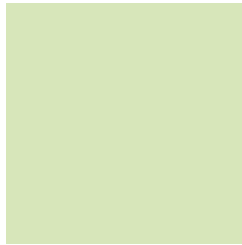
20.5483, 50.9300, -108.7388



6.0151, 14.2745, -26.9149

Previews

White Background



This preview shows how the HunterLab color 86.3631, -16.4094, 21.0374 looks on a white background.

Color Contrast Check

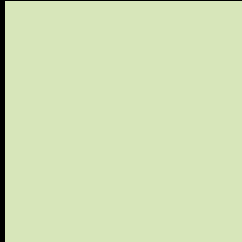
Large Text (above 18pt) WCAG AA × Fail

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 86.3631, -16.4094, 21.0374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

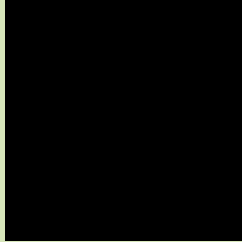
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

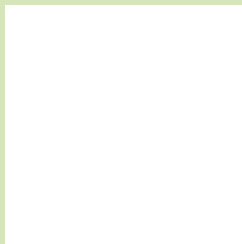
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.3631, -16.4094, 21.0374 Background



This preview shows how black text looks on a background with the HunterLab color 86.3631, -16.4094, 21.0374.



This preview shows how white text looks on a background with the HunterLab color 86.3631,

-16.4094, 21.0374.

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

86.3631, -16.4094, 21.0374

Protanopia

86.1387, -5.9762, 22.1376

Deuteranopia

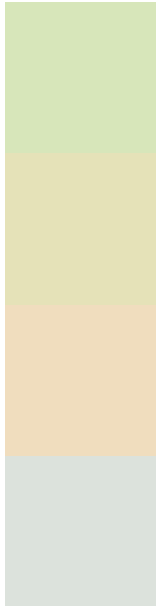
86.1264, 5.3622, 18.8342



Tritanopia

86.4607, -1.5309, -3.2816

Trichromacy



Original Color

86.3631, -16.4094, 21.0374

Protanomaly

86.3200, -10.1104, 21.8655

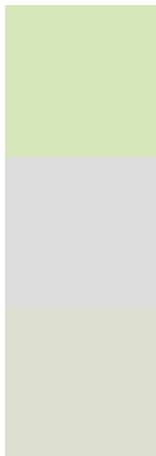
Deuteranomaly

85.9976, -2.9471, 19.3536

Tritanomaly

86.4729, -7.5956, 6.7259

Monochromacy



Original Color

86.3631, -16.4094, 21.0374

Achromatopsia

85.0326, -4.5371, 4.6200

Achromatomaly

85.3964, -8.8654, 11.0341

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.3631, -16.4094, 21.0374 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(215, 230, 186)` looks like.

```
.text, #text, p{  
    color:rgb(215, 230, 186)  
}
```

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(215, 230, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 230, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 86.3631, -16.4094, 21.0374 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(215, 230, 186) }
```


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

```
.border{ border-color:rgb(215, 230, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 230, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 230, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 230, 186);  
box-shadow:4px 4px 4px 4px rgb(215, 230,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.3631, -16.4094, 21.0374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 230, 186) }
```

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

```
.background{ background-color: rgb(215,  
230, 186) }
```

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](#).

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