

Converting Colors

HunterLab(84.8913, -3.5537,
-13.8408)

Have a look what the booklet for
HunterLab(84.8913, -3.5537,
-13.8408) contains.

HunterLab(85.0294, -3.7979, -13.6407)	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(85.0294, -3.7979,
-13.6407)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDEFF
RGB	204, 222, 255
RGB Percent	80%, 87%, 100%
CMY	0.2000, 0.1294, 0.0000
CMYK	0.20, 0.13, 0.00, 0.00
HSL	219°, 100%, 90%
HSV	219°, 20%, 100%
XYZ	69.0732, 72.3000, 104.9226
YIQ	220.3800, -21.3210, 6.4470

Conversions

Conversions Part 2

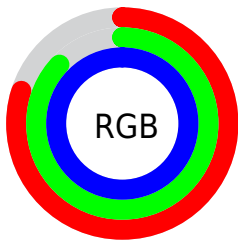
Format	Color
R_{YB}	204, 217, 255
Decimal	13426431
CIE Lab	88.11, 0.77, -18.04
CIE LCh	88, 18.055, 272.438
Yxy	72.3028, 0.2805, 0.2936
Android (android.graphics.Color)	4291616511 (0xFFCCDEFF)
YUV	220.3800, 17.0677, -14.3653
Hunter-Lab	85.0294, -3.7979, -13.6407

Details

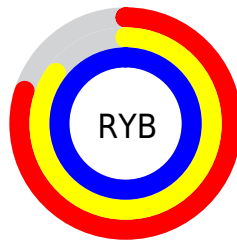
The HunterLab color $85.0294, -3.7979, -13.6407$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $92.8370, -3.9878, 20.6510$, and the grayscale version is $84.7000, -4.5194, 4.6019$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $61.7286, -2.7497, -13.3267$ is the 20% darker color. If you saturate the color by 10%, you get $77.8780, -2.2514, -24.0781$, and if you desaturate by 10%, it is $92.4140, -4.7974, -3.8364$.

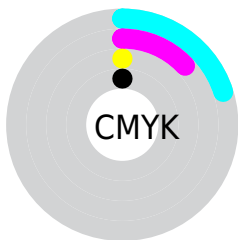
Distribution



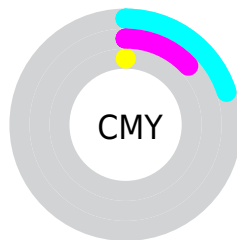
- Red (80%)
- Green (87%)
- Blue (100%)



- Red (80%)
- Yellow (85%)
- Blue (100%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.0294, -3.7979, -13.6407 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 85.0294, -3.7979, -13.6407 by changing the saturation by 10% instead.

■ 85.0294, -3.7979,
-13.6407

■ 85.0294, -3.7979,
-13.6407

216.4706,
-10.5495, -12.0523

■ 73.0795, -3.1976,
-13.5693

110.6738, -5.1013,
-13.6094

■ 61.7471, -2.6307,
-13.4398

124.3154, -5.7980,
-13.5181

■ 51.0699, -2.1012,
-13.2458

138.4755, -6.5235,
-13.3793

■ 41.0907, -1.6118,
-12.9836

153.1358, -7.2768,
-13.1955

■ 31.8625, -1.1660,
-12.6511

168.2798, -8.0570,
-12.9690

■ 23.4520, -0.7685,
-12.2518

183.8926, -8.8630,

■ 15.9483, -0.4256,

-12.7018

-11.8064

199.9603, -9.6941,
-12.3957

■ 9.4781, -0.1471,
-11.4031

0.0000, NaN, -NF

■ 85.0294, -3.7979,
-13.6407

■ 85.0294, -3.7979,
-13.6407

■ 77.8780, -2.2514,
-24.0781

■ 92.4140, -4.7974,
-3.8364

■ 70.9867, -0.0411,
-35.2781

100.0000, -5.3358,
5.4332

■ 64.3971, 2.9667,
-47.3715

■ 58.1596, 6.9298,
-60.4875

■ 52.3364, 12.0176,
-74.7178

■ 47.0033, 18.3807,
-90.0533

■ 42.2464, 26.0822,
-106.2869

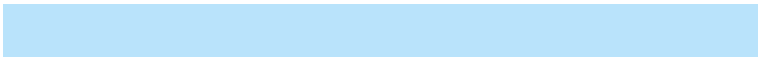
■ 38.1249, 34.9158,
-123.0257

■ 38.1245, 34.9168,
-123.0277

Harmonies

Analogous

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



85.0311, -12.4490, -11.4032



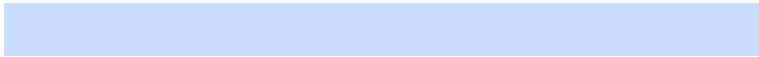
85.0294, -3.7979, -13.6407



85.0311, 5.0009, -10.5705

Triad

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



85.0311, -3.7996, -13.6383



85.0311, 10.6579, 13.0422



85.0311, -19.4333, 11.9412

Complementary

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



85.0294, -3.7979, -13.6407



92.8370, -3.9878, 20.6510

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.



85.0311, -13.6810, 17.4543



85.0294, -3.7979, -13.6407



85.0311, 3.6657, 18.0417

Square

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



85.0311, -3.7996, -13.6383



85.0311, 13.5629, 5.3301



85.0311, -5.2811, 19.5695



85.0311, -21.2476, 3.9208

Rectangle

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



85.0294, -3.7979, -13.6407



85.0311, 9.7054, -6.1005



85.0311, -5.2811, 19.5695



85.0311, -17.9083, 14.1192

Sweetspot

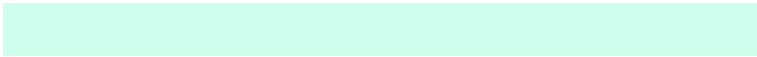
The Sweet Spot groups the original color and five complimentary colors.



85.0311, -3.7996, -13.6383



95.4247, -5.0634, -0.0708



95.0954, -24.0480, 8.5559



43.9193, -2.3247, -0.3148

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.0311, -3.7996, -13.6383



82.1398, -3.2519, -17.7323



80.1416, 7.7588, -20.4735



42.9263, -2.2365, -1.5575



28.0141, 24.0543, -86.9416



9.8009, 4.9756, -22.9911

Inverse Universe

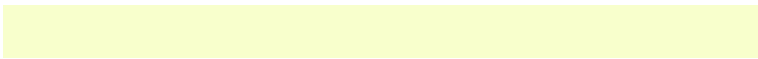
The Inverse Universe completely reimagines the original color for something new.



83.4993, 16.3854, 2.6656



80.4249, 20.8442, 2.3266



97.9147, -15.5888, 25.4688



42.5358, 2.2491, 1.8125



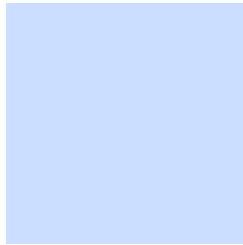
33.9414, 59.3378, 12.5364



10.6842, 18.8575, 2.5587

Previews

White Background



This preview shows how the HunterLab color 85.0294, -3.7979, -13.6407 looks on a white background.

Color Contrast Check

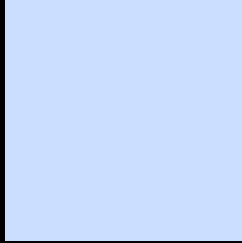
Large Text (above 18pt) WCAG AA × Fail

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 85.0294, -3.7979, -13.6407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

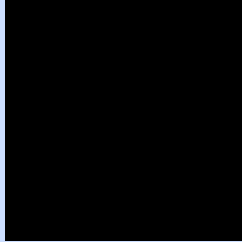
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

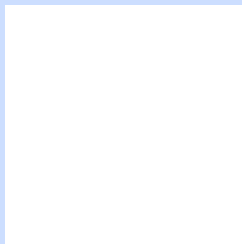
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.0294, -3.7979, -13.6407 Background



This preview shows how black text looks on a background with the HunterLab color 85.0294, -3.7979, -13.6407.



This preview shows how white text looks on a background with the HunterLab color 85.0294, -3.7979, -13.6407.

-13.6407.

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

85.0294, -3.7979, -13.6407

Protanopia

84.9717, 0.6286, -12.4717

Deuteranopia

85.0525, 5.7428, -13.4415



Tritanopia

85.0169, -8.0239, -6.3374

Trichromacy



Original Color

85.0294, -3.7979, -13.6407

Protanomaly

84.9653, -0.9012, -13.0917

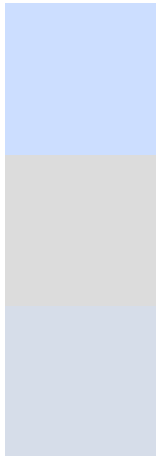
Deuteranomaly

84.9203, 2.1780, -13.6880

Tritanomaly

84.9631, -6.2335, -9.1615

Monochromacy



Original Color

85.0294, -3.7979, -13.6407

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

84.7893, -4.6033, -1.7406

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.0294, -3.7979, -13.6407 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(204, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 222, 255)  
}
```

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(204, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 222, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 85.0294, -3.7979, -13.6407 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(204, 222, 255) }
```


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

```
.border{ border-color:rgb(204, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 222,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.0294, -3.7979, -13.6407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 222, 255) }
```

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

```
.background{ background-color: rgb(204,  
222, 255) }
```

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