

# Converting Colors

HunterLab(87.3681, -13.6598,  
2.4663)

Have a look what the booklet for  
HunterLab(87.3681, -13.6598,  
2.4663) contains.

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# Color

**HunterLab(87.3614,  
-13.5699, 2.2854)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCE8E7
RGB	204, 232, 231
RGB Percent	80%, 91%, 91%
CMY	0.2000, 0.0902, 0.0941
CMYK	0.12, 0.00, 0.00, 0.09
HSL	178°, 38%, 85%
HSV	178°, 12%, 91%
XYZ	68.1823, 76.3201, 86.7390
YIQ	223.5140, -16.3670, -6.2470

# Conversions

## Conversions Part 2

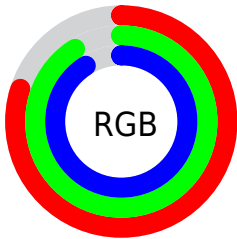
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 218, 232
Decimal	13428967
CIE <sub>Lab</sub>	90.01, -9.34, -2.63
CIE <sub>LCh</sub>	90, 9.704, 195.718
Yxy	76.3233, 0.2949, 0.3300
Android (android.graphics.Color)	4291619047 (0xFFCCE8E7)
YUV	223.5140, 3.6906, -17.1138
Hunter-Lab	87.3614, -13.5699, 2.2854

# Details

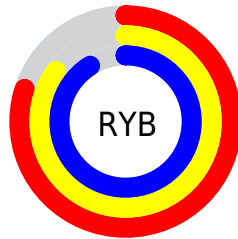
The HunterLab color  $87.3614, -13.5699, 2.2854$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $80.4683, 5.3505, 7.1188$ , and the grayscale version is  $86.1165, -4.5950, 4.6789$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.7415, -11.1799, 1.3565$  is the 20% darker color. If you saturate the color by 10%, you get  $85.5795, -20.0820, 0.4298$ , and if you desaturate by 10%, it is  $89.3849, -6.3658, 4.4098$ .

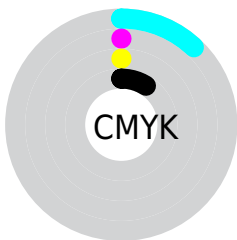
# Distribution



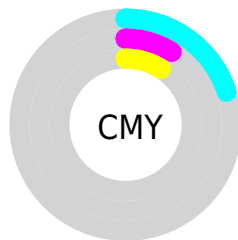
- Red (80%)
- Green (91%)
- Blue (91%)



- Red (80%)
- Yellow (85%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3614, -13.5699, 2.2854 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 87.3614, -13.5699, 2.2854 by changing the saturation by 10% instead.



■ 87.3614, -13.5699,  
2.2854

■ 87.3614, -13.5699,  
2.2854

219.6483,  
-23.9557, 8.6212

■ 75.2979, -12.4785,  
1.7458

113.2183,  
-15.7880, 3.4774

■ 63.8456, -11.3932,  
1.2442

126.9596,  
-16.9140, 4.1233

■ 53.0411, -10.3126,  
0.7850

141.2159,  
-18.0528, 4.8009

■ 42.9260, -9.2326,  
0.3716

155.9691,  
-19.2052, 5.5088

■ 33.5508, -8.1468,  
0.0088

171.2030,  
-20.3714, 6.2457

■ 24.9793, -7.0449,  
-0.2972

186.9030,

■ 17.2955, -5.9091,

-21.5517, 7.0108

-0.5377

203.0555,  
-22.7465, 7.8029

■ 10.6171, -4.7066,  
-0.6995

■ 0.3200, -0.5600,  
-34.0353

■ 87.3614, -13.5699,  
2.2854

■ 87.3614, -13.5699,  
2.2854

■ 85.5795, -20.0820,  
0.4298

■ 89.3849, -6.3658,  
4.4098

■ 84.0362, -25.8409,  
-1.1449

■ 91.6398, 1.4707,  
6.7794

■ 82.7327, -30.8038,  
-2.4259

■ 92.1345, 3.2040,  
6.9806

■ 81.6652, -34.9433,  
-3.4077

■ 92.1604, 3.3437,  
6.6104

80.8259, -38.2527,  
-4.0924

92.1864, 3.4839,  
6.2387

80.2027, -40.7496,  
-4.4905

92.2126, 3.6248,  
5.8654

79.7785, -42.4803,  
-4.6216

92.2388, 3.7662,  
5.4906

79.5295, -43.5244,  
-4.5167

92.2652, 3.9081,  
5.1143

79.4237, -43.9902,  
-4.3104

92.2917, 4.0507,  
4.7365

# Harmonies

## Analogous

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



87.3632, -13.6303, 6.9425



87.3614, -13.5699, 2.2854



87.3632, -11.1619, -1.9231

# Triad

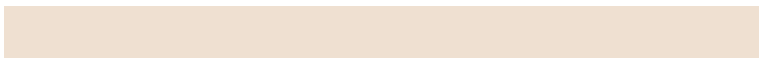
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3632, -13.5715, 2.2868



87.3632, 2.1975, -1.7517



87.3632, -2.3244, 13.0205

# Complementary

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



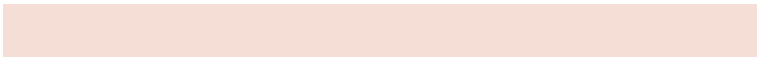
87.3614, -13.5699, 2.2854



80.4683, 5.3505, 7.1188

# 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.



87.3632, 2.0251, 10.9450



87.3614, -13.5699, 2.2854



87.3632, 4.6746, 2.5102

# Square

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



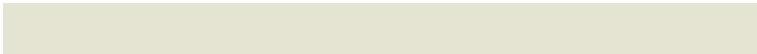
87.3632, -13.5715, 2.2868



87.3632, -2.0933, -4.3410



87.3632, 4.6108, 7.1541



87.3632, -7.2096, 12.9680



# Rectangle

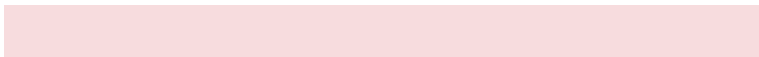
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



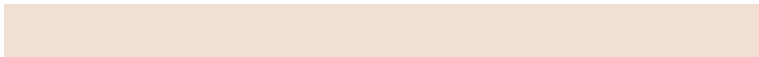
87.3614, -13.5699, 2.2854



87.3632, -8.5156, -3.8354



87.3632, 4.6108, 7.1541



87.3632, -0.7489, 12.5537

# Sweetspot

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



87.3632, -13.5715, 2.2868



99.0419, -8.7085, 4.4256



86.6673, -17.7004, 14.0122



45.7401, -4.3165, 1.9622

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

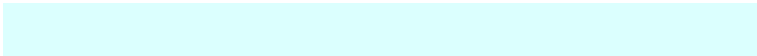


# Same Dimension

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



87.3632, -13.5715, 2.2868



96.8321, -16.6229, 2.1073



83.3895, -6.9975, -3.0215



40.4067, -5.4023, 1.2959



59.1800, -32.7547, -3.2618



16.0962, -8.8518, -1.0103



# Inverse Universe

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



80.4683, 5.3505, 7.1188



87.9078, 7.8835, 8.3671



84.2246, -1.3914, 11.6591



37.9161, 1.4283, 3.0397



30.8841, 52.9353, 19.6047



8.4132, 14.4554, 5.0674



# Previews

## White Background



This preview shows how the HunterLab color 87.3614, -13.5699, 2.2854 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

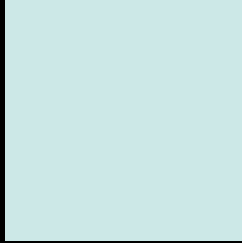
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.3614, -13.5699, 2.2854 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

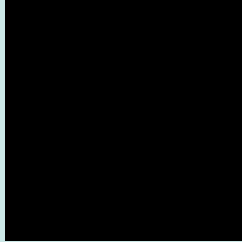
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

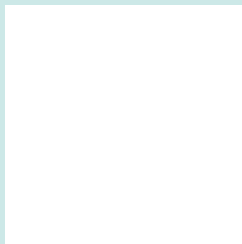
Any Text WCAG AAA ✓ Pass

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

# HunterLab 87.3614, -13.5699, 2.2854 Background



This preview shows how black text looks on a background with the HunterLab color 87.3614, -13.5699, 2.2854.



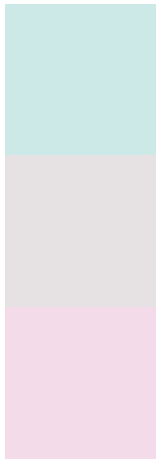
This preview shows how white text looks on a background with the HunterLab color 87.3614,

-13.5699, 2.2854.

# 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**

87.3614, -13.5699, 2.2854

**Protanopia**

87.3038, -2.6610, 4.3956

**Deuteranopia**

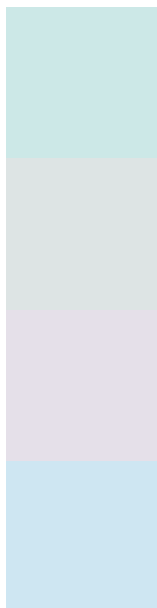
87.0842, 6.4390, 0.7761



## Tritanopia

87.2246, -7.9705, -6.7577

# Trichromacy



## Original Color

87.3614, -13.5699, 2.2854

## Protanomaly

87.4416, -6.9312, 3.9916

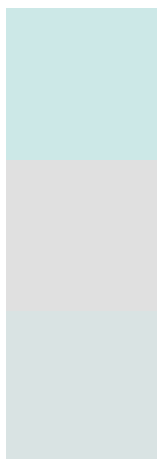
## Deuteranomaly

87.0933, -1.4111, 1.1612

## Tritanomaly

87.2504, -9.9349, -3.4949

# Monochromacy



## Original Color

87.3614, -13.5699, 2.2854

## Achromatopsia

86.3368, -4.6067, 4.6908

## Achromatomaly

86.7387, -7.8432, 3.6352

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3614, -13.5699, 2.2854 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, 232, 231)` looks like.

```
.text, #text, p{  
    color:rgb(204, 232, 231)  
}
```

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, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 232, 231) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3614, -13.5699, 2.2854 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, 232, 231) }
```



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

```
.border{ border-color:rgb(204, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(204, 232,  
231) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3614, -13.5699, 2.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 232, 231) }
```

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

```
.background{ background-color: rgb(204,  
232, 231) }
```

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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