

Converting Colors

HunterLab(87.0875, -16.1499,
0.8724)

Have a look what the booklet for
HunterLab(87.0875, -16.1499,
0.8724) contains.

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Color

**HunterLab(87.0420,
-16.2521, 0.8388)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E9E9
RGB	195, 233, 233
RGB Percent	76%, 91%, 91%
CMY	0.2353, 0.0863, 0.0863
CMYK	0.16, 0.00, 0.00, 0.09
HSL	180°, 46%, 84%
HSV	180°, 16%, 91%
XYZ	66.3525, 75.7631, 88.2173
YIQ	221.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

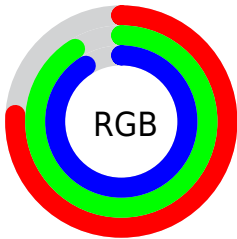
Format	Color
R_{YB}	195, 214, 233
Decimal	12839401
CIE _{Lab}	89.75, -12.27, -4.12
CIE _{LCh}	90, 12.941, 198.574
Yxy	75.7662, 0.2881, 0.3289
Android (android.graphics.Color)	4291029481 (0xFFC3E9E9)
YUV	221.6380, 5.6015, -23.3615
Hunter-Lab	87.0420, -16.2521, 0.8388

Details

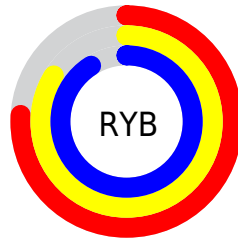
The HunterLab color **87.0420, -16.2521, 0.8388** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.6505, 8.8701, 8.5788**, and the grayscale version is **85.2948, -4.5511, 4.6342**.

A 20% lighter version of the original color is **99.7173, -6.3204, 5.0828**, and **63.4676, -13.6377, 0.0126** is the 20% darker color. If you saturate the color by 10%, you get **85.3819, -22.3176, -1.3111**, and if you desaturate by 10%, it is **88.9472, -9.4560, 3.2547**.

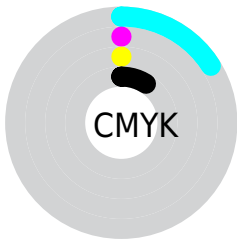
Distribution



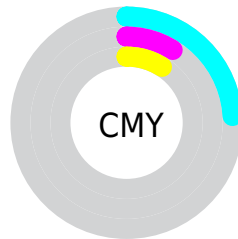
- Red (76%)
- Green (91%)
- Blue (91%)



- Red (76%)
- Yellow (84%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0420, -16.2521, 0.8388 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 87.0420, -16.2521, 0.8388 by changing the saturation by 10% instead.

87.0420, -16.2521,
0.8388

87.0420, -16.2521,
0.8388

219.2138,
-27.6947, 6.6837

74.9939, -15.0164,
0.3644

112.8700,
-18.7376, 1.9084

63.5579, -13.7783,
-0.0688

126.5978,
-19.9886, 2.4966

52.7707, -12.5348,
-0.4559

140.8410,
-21.2477, 3.1184

42.6740, -11.2792,
-0.7928

155.5815,
-22.5160, 3.7723

33.3187, -10.0018,
-1.0739

170.8032,
-23.7942, 4.4569

24.7691, -8.6872,
-1.2917

186.4913,

17.1096, -7.3088,

-25.0831, 5.1710

-1.4361

202.6323,
-26.3831, 5.9136

■ 10.4591, -5.9040,
-1.4913

0.0000, NaN, -NF

■ 87.0420, -16.2521,
0.8388

■ 87.0420, -16.2521,
0.8388

■ 85.3819, -22.3176,
-1.3111

■ 88.9472, -9.4560,
3.2547

■ 83.9625, -27.5977,
-3.1821

■ 91.0885, -1.9858,
5.9120

■ 82.7835, -32.0578,
-4.7609

■ 92.4252, 2.5882,
7.5406

■ 81.8392, -35.6808,
-6.0422

■ 92.4253, 2.5885,
7.5397

81.1198, -38.4723,
-7.0285

92.4253, 2.5889,
7.5388

80.6108, -40.4641,
-7.7316

92.4254, 2.5892,
7.5379

80.2923, -41.7179,
-8.1737

92.4254, 2.5895,
7.5370

80.1364, -42.3336,
-8.3901

92.4255, 2.5899,
7.5361

80.1017, -42.4707,
-8.4382

92.4256, 2.5902,
7.5353

Harmonies

Analogous

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



87.0438, -16.6375, 7.0751



87.0420, -16.2521, 0.8388



87.0438, -12.8157, -4.7191

Triad

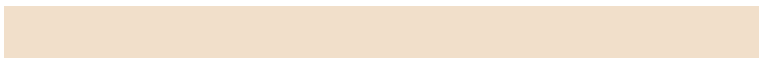
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0438, -16.2536, 0.8401



87.0438, 4.9838, -3.5560



87.0438, -2.1434, 15.6686

Complementary

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



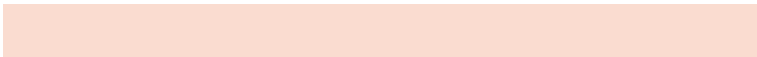
87.0420, -16.2521, 0.8388



77.6505, 8.8701, 8.5788

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.



87.0438, 3.8302, 13.2403



87.0420, -16.2521, 0.8388



87.0438, 8.0254, 2.3343

Square

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



87.0438, -16.2536, 0.8401



87.0438, -0.6065, -7.3836



87.0438, 7.5971, 8.4636



87.0438, -8.6193, 15.3336

Rectangle

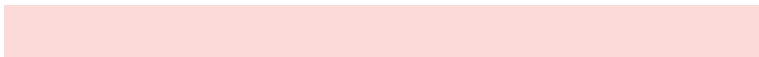
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



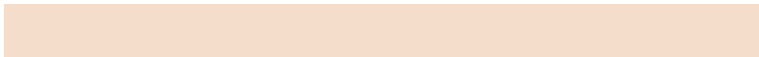
87.0420, -16.2521, 0.8388



87.0438, -9.1962, -7.1518



87.0438, 7.5971, 8.4636



87.0438, -0.0067, 15.1562

Sweetspot

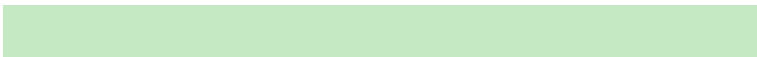
The Sweet Spot groups the original color and five complimentary colors.



87.0438, -16.2536, 0.8401



98.8238, -9.4518, 3.9693



85.9696, -22.4189, 16.9736



45.6464, -4.6337, 1.7437

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0438, -16.2536, 0.8401



95.6959, -20.6493, -0.0076



81.1800, -7.0072, -6.4059



41.3786, -5.4720, 1.1546



60.3371, -31.9913, -6.3562



16.9078, -8.9645, -1.7815

Inverse Universe

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



77.6505, 8.8701, 8.5788



82.9491, 13.5055, 10.5145



83.0901, -0.7347, 14.3448



38.7996, 1.4109, 3.2743



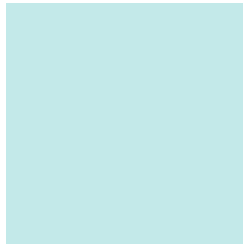
31.3526, 53.6923, 20.2584



8.7857, 15.0459, 5.6762

Previews

White Background



This preview shows how the HunterLab color 87.0420, -16.2521, 0.8388 looks on a white background.

Color Contrast Check

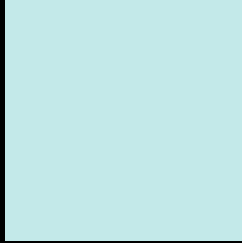
Large Text (above 18pt) WCAG AA × Fail

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 87.0420, -16.2521, 0.8388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

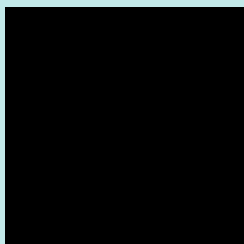
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

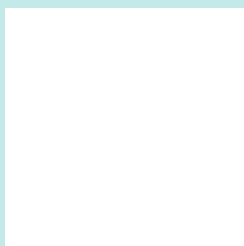
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.0420, -16.2521, 0.8388 Background



This preview shows how black text looks on a background with the HunterLab color 87.0420, -16.2521, 0.8388.



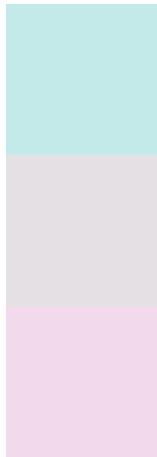
This preview shows how white text looks on a background with the HunterLab color 87.0420,

-16.2521, 0.8388.

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**

87.0420, -16.2521, 0.8388

Protanopia

86.8370, -2.6188, 3.3480

Deuteranopia

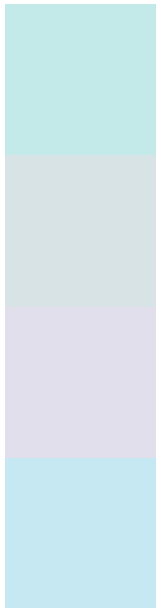
86.6465, 6.6450, -0.7944



Tritanopia

87.1763, -11.3507, -7.4348

Trichromacy



Original Color

87.0420, -16.2521, 0.8388

Protanomaly

86.7469, -7.6215, 2.1521

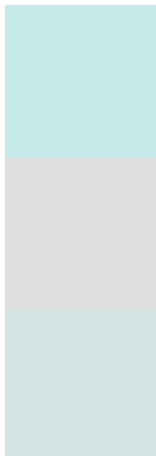
Deuteranomaly

86.4760, -1.8172, -0.6338

Tritanomaly

87.2093, -13.3106, -4.1430

Monochromacy



Original Color

87.0420, -16.2521, 0.8388

Achromatopsia

85.4670, -4.5603, 4.6436

Achromatomaly

85.9539, -9.0480, 3.1747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0420, -16.2521, 0.8388 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(195, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(195, 233, 233)  
}
```

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(195, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 233, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0420, -16.2521, 0.8388 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(195, 233, 233) }
```


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

```
.border{ border-color:rgb(195, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(195, 233,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0420, -16.2521, 0.8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 233, 233) }
```

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

```
.background{ background-color: rgb(195,  
233, 233) }
```

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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