

Converting Colors

HunterLab(85.8431, -20.7066,
8.1880)

Have a look what the booklet for
HunterLab(85.8431, -20.7066,
8.1880) contains.

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Color

**HunterLab(85.6962,
-20.5998, 7.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE8D7
RGB	189, 232, 215
RGB Percent	74%, 91%, 84%
CMY	0.2588, 0.0902, 0.1569
CMYK	0.19, 0.00, 0.07, 0.09
HSL	156°, 48%, 83%
HSV	156°, 19%, 91%
XYZ	62.1086, 73.4384, 75.1916
YIQ	217.2050, -20.1710, -14.4030

Conversions

Conversions Part 2

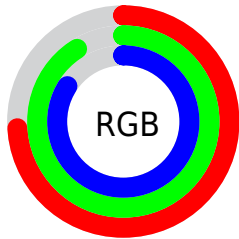
Format	Color
RYB	189, 216, 232
Decimal	12445911
CIELab	88.66, -17.22, 3.66
CIELCh	89, 17.607, 167.991
Yxy	73.4415, 0.2947, 0.3485
Android (android.graphics.Color)	4290635991 (0xFFBDE8D7)
YUV	217.2050, -1.0871, -24.7358
Hunter-Lab	85.6962, -20.5998, 7.9651

Details

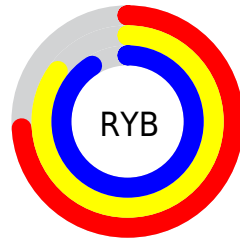
The HunterLab color $85.6962, -20.5998, 7.9651$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $76.1637, 13.4708, 1.7091$, and the grayscale version is $83.4001, -4.4500, 4.5313$.

A 20% lighter version of the original color is $99.1629, -8.2600, 4.3927$, and $62.2412, -17.5453, 6.3648$ is the 20% darker color. If you saturate the color by 10%, you get $83.8149, -28.1332, 9.9247$, and if you desaturate by 10%, it is $87.8262, -12.3489, 6.2103$.

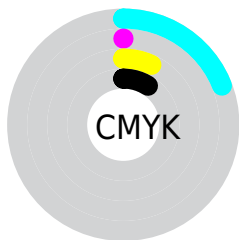
Distribution



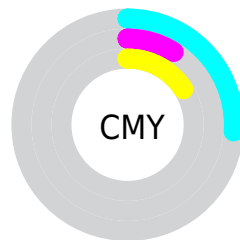
- Red (74%)
- Green (91%)
- Blue (84%)



- Red (74%)
- Yellow (85%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.6962, -20.5998, 7.9651 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 85.6962, -20.5998, 7.9651 by changing the saturation by 10% instead.

■ 85.6962, -20.5998,
7.9651

■ 85.6962, -20.5998,
7.9651

217.3806,
-33.8572, 16.3779

■ 73.7136, -19.1143,
7.1455

■ 111.4018,
-23.5471, 9.6789

■ 62.3467, -17.6107,
6.3487

125.0721,
-25.0135, 10.5700

■ 51.6328, -16.0826,
5.5762

139.2599,
-26.4792, 11.4838

■ 41.6145, -14.5189,
4.8275

153.9469,
-27.9463, 12.4197

■ 32.3438, -12.9030,
4.1022

169.1167,
-29.4164, 13.3775

■ 23.8869, -11.2090,
3.3982

184.7545,

■ 16.3311, -9.3924,

-30.8909, 14.3568

2.7115

200.8467,
-32.3709, 15.3570

■ 9.8004, -8.2154,
2.0961

0.0000, NaN, NaN

■ 85.6962, -20.5998,
7.9651

■ 85.6962, -20.5998,
7.9651

■ 83.8149, -28.1332,
9.9247

■ 87.8262, -12.3489,
6.2103

■ 82.1800, -34.8746,
12.0675

■ 90.1942, -3.4533,
4.6687

■ 80.7929, -40.7688,
14.3706

■ 92.4220, 4.7515,
2.8792

■ 79.6495, -45.7776,
16.8041

■ 92.7281, 6.3937,
-1.4731

■ 78.7414, -49.8872,
19.3330

■ 92.8418, 7.0024,
-3.0865

■ 78.0549, -53.1139,
21.9182

■ 77.5700, -55.5107,
24.5168

■ 77.2524, -57.1992,
27.0765

■ 77.2124, -57.4179,
27.4401

Harmonies

Analogous

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



85.6980, -16.8637, 14.8106



85.6962, -20.5998, 7.9651



85.6980, -20.1754, -0.4896

Triad

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



85.6980, -20.6013, 7.9663



85.6980, 0.7448, -12.2118



85.6980, 7.1164, 15.8468

Complementary

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



85.6962, -20.5998, 7.9651



76.1637, 13.4708, 1.7091

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.



85.6980, 12.2231, 9.5176



85.6962, -20.5998, 7.9651



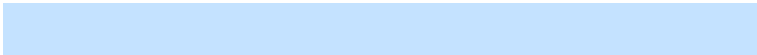
85.6980, 8.4430, -6.8966

Square

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



85.6980, -20.6013, 7.9663



85.6980, -8.0906, -12.7354



85.6980, 12.7183, 1.2264



85.6980, -1.0063, 19.0414

Rectangle

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



85.6962, -20.5998, 7.9651



85.6980, -17.5857, -5.9145



85.6980, 12.7183, 1.2264



85.6980, 9.2566, 14.0466

Sweetspot

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



85.6980, -20.6013, 7.9663



98.4019, -11.3303, 6.4606



86.3372, -19.6947, 19.7932



45.4474, -5.5370, 3.0432

0.0000, NaN, NaN



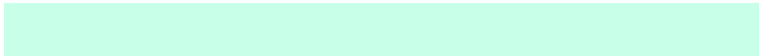
46.2646, -2.4686, 2.5136

Same Dimension

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



85.6980, -20.6013, 7.9663



94.6157, -26.0296, 9.6230



84.8351, -15.4516, -1.3537



40.2924, -6.0383, 2.9256



57.5510, -42.6440, 20.1224



15.7026, -11.2356, 4.6275

Inverse Universe

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



76.1637, 13.4708, 1.7091



82.0278, 19.0106, 1.3922



76.8795, 8.4910, 10.3915



38.0288, 2.0347, 1.4312



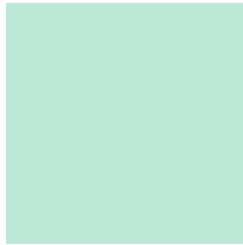
31.5813, 55.5073, 9.3734



8.6885, 15.4674, 1.0556

Previews

White Background



This preview shows how the HunterLab color 85.6962, -20.5998, 7.9651 looks on a white background.

Color Contrast Check

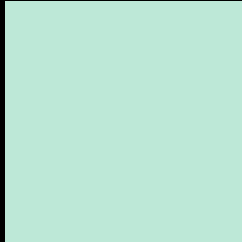
Large Text (above 18pt) WCAG AA × Fail

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 85.6962, -20.5998, 7.9651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

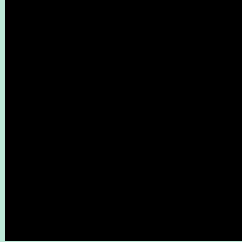
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

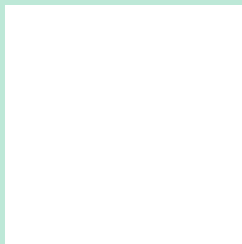
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.6962, -20.5998, 7.9651 Background



This preview shows how black text looks on a background with the HunterLab color 85.6962, -20.5998, 7.9651.



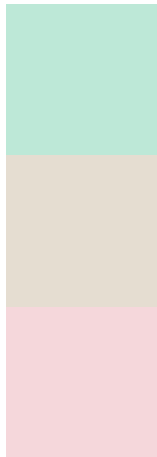
This preview shows how white text looks on a background with the HunterLab color 85.6962, -20.5998, 7.9651.

-20.5998, 7.9651.

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

85.6962, -20.5998, 7.9651

Protanopia

85.4250, -3.8977, 10.7035

Deuteranopia

85.5148, 6.3641, 6.3398



Tritanopia

85.5535, -10.7442, -7.8936

Trichromacy



Original Color

85.6962, -20.5998, 7.9651

Protanomaly

85.3520, -10.4706, 9.6002

Deuteranomaly

85.3126, -3.7507, 6.4062

Tritanomaly

85.6588, -14.4380, -1.8725

Monochromacy



Original Color

85.6962, -20.5998, 7.9651

Achromatopsia

83.2990, -4.4446, 4.5258

Achromatomaly

83.9439, -10.2835, 5.6602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6962, -20.5998, 7.9651 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(189, 232, 215)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 215)  
}
```

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(189, 232, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6962, -20.5998, 7.9651 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(189, 232, 215) }
```


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

```
.border{ border-color:rgb(189, 232, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 232, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 215);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6962, -20.5998, 7.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 215) }
```

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

```
.background{ background-color: rgb(189,  
232, 215) }
```

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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