

Converting Colors

XYZ(66.9957, 86.2978, 73.2361)

Have a look what the booklet for
XYZ(66.9957, 86.2978, 73.2361)
contains.

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Color

**XYZ(67.0358, 86.3138,
73.4487)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFD1
RGB	184, 255, 209
RGB Percent	72%, 100%, 82%
CMY	0.2784, 0.0000, 0.1804
CMYK	0.28, 0.00, 0.18, 0.00
HSL	141°, 100%, 86%
HSV	141°, 28%, 100%
XYZ	67.0358, 86.3138, 73.4487
YIQ	228.5270, -27.5500, -29.3580

Conversions

Conversions Part 2

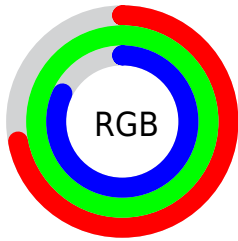
Format	Color
RYB	184, 237, 255
Decimal	12124113
CIELab	94.45, -30.99, 15.02
CIElCh	94, 34.442, 154.143
Yxy	86.3138, 0.2956, 0.3806
Android (android.graphics.Color)	4290314193 (0xFFB8FFD1)
YUV	228.5270, -9.6268, -39.0502
Hunter-Lab	92.9052, -33.7874, 18.1604

Details

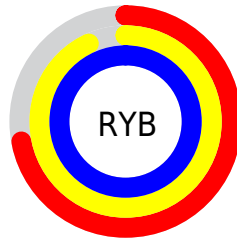
The XYZ color **67.0358, 86.3138, 73.4487** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.6638, 61.2549, 82.8563**, and the grayscale version is **74.2114, 78.0761, 85.0249**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **35.1637, 47.4219, 38.3104** is the 20% darker color. If you saturate the color by 10%, you get **59.5274, 82.6672, 62.9682**, and if you desaturate by 10%, it is **75.8588, 90.6135, 85.1007**.

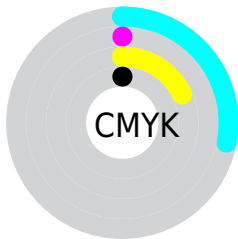
Distribution



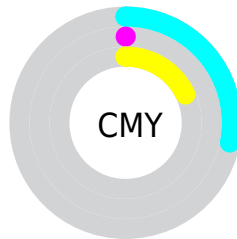
- Red (72%)
- Green (100%)
- Blue (82%)



- Red (72%)
- Yellow (93%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0358, 86.3138, 73.4487 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 XYZ color 67.0358, 86.3138, 73.4487 by changing the saturation by 10% instead.


 67.0358, 86.3138,
73.4487

 67.0358, 86.3138,
73.4487


439.5027,
515.9654, 491.6809

 49.3845, 64.9275,
53.8489


 114.0212,
142.2073, 125.8408

 35.1404, 47.4023,
38.0885


144.0861,
177.4833, 159.4702

 23.9381, 33.3538,
25.7490


179.0195,
218.1580, 198.6131

 15.4122, 22.3976,
16.4119

219.1869,
264.6157, 243.6883

 9.1974, 14.1493,
9.6586

264.9535,
317.2409, 295.1140

 4.9283, 8.2246,
5.0706

316.6848,

 2.2396, 4.2390,

376.4180, 353.3090

2.2293

374.7460,
442.5314, 418.6918

■ 0.7635, 1.8081,
0.6912

■ 0.0000, 0.4922,
0.0000

■ 67.0358, 86.3138,
73.4487

■ 67.0358, 86.3138,
73.4487

■ 59.5274, 82.6672,
62.9682

■ 75.8588, 90.6135,
85.1007

■ 53.2657, 79.6397,
53.6184

■ 86.0552, 95.5959,
97.9551

■ 48.1802, 77.1955,
45.3622

95.0500, 100.0000,
108.9000

■ 44.1916, 75.2946,
38.1586

■ 41.2107, 73.8919,
31.9642

■ 39.1329, 72.9345,
26.7321

■ 37.8205, 72.3522,
22.4109

■ 37.5966, 72.2546,
21.5915

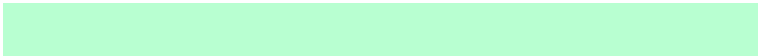
Harmonies

Analogous

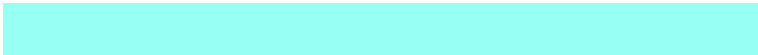
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4452, 86.3138, 57.7779



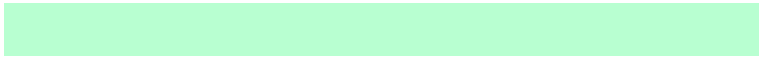
67.0358, 86.3138, 73.4487



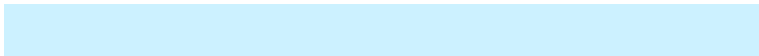
65.5298, 86.3138, 97.7134

Triad

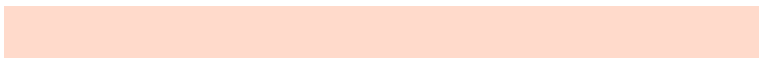
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0358, 86.3138, 73.4487



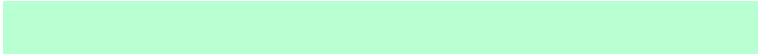
83.3318, 86.3138, 154.5705



97.6758, 86.3138, 68.1667

Complementary

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



67.0358, 86.3138, 73.4487



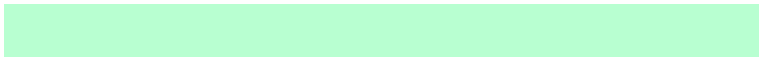
72.6638, 61.2549, 82.8563

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.



101.1106, 86.3138, 90.3450



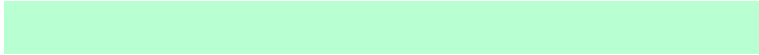
67.0358, 86.3138, 73.4487



92.4438, 86.3138, 142.8203

Square

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



67.0358, 86.3138, 73.4487



74.5153, 86.3138, 147.7454



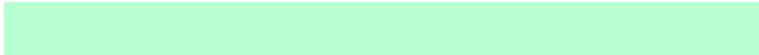
99.1280, 86.3138, 118.0222



90.0521, 86.3138, 55.1551

Rectangle

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



67.0358, 86.3138, 73.4487



66.8392, 86.3138, 116.4199



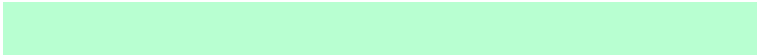
99.1280, 86.3138, 118.0222



99.3836, 86.3138, 74.6283

Sweetspot

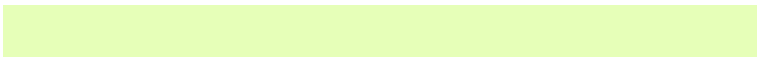
The Sweet Spot groups the original color and five complimentary colors.



67.0365, 86.3141, 73.4501



85.8835, 95.5119, 97.7430



77.0934, 91.8287, 59.0099



18.0357, 20.2738, 20.4910



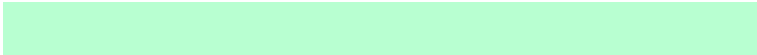
0.0000, 0.0000, 0.0000



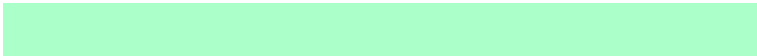
20.3446, 21.4041, 23.3091

Same Dimension

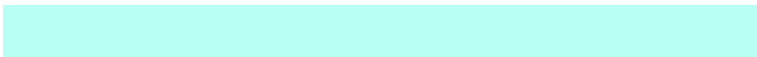
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0365, 86.3141, 73.4501



63.0036, 84.3538, 67.9003



71.9100, 88.2635, 99.1136



18.0357, 20.2738, 20.4910



19.7088, 37.7801, 11.6180



1.9685, 3.6983, 1.3920

Inverse Universe

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



72.6638, 61.2549, 82.8563



69.4156, 55.7856, 78.6072



68.1919, 59.4662, 59.3075



18.5051, 18.1854, 21.2771



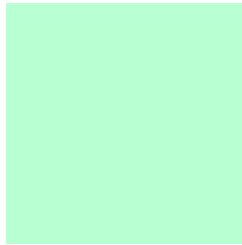
25.1809, 12.5617, 20.1351



2.5037, 1.2438, 2.2337

Previews

White Background



This preview shows how the XYZ color 67.0358, 86.3138, 73.4487 looks on a white background.

Color Contrast Check

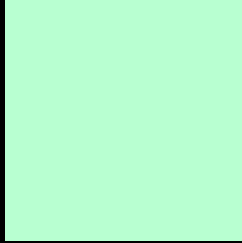
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.0358, 86.3138, 73.4487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

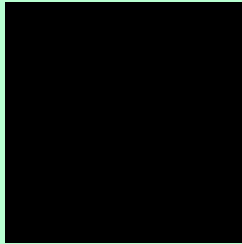
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0358, 86.3138, 73.4487

Background



This preview shows how black text looks on a background with the XYZ color 67.0358, 86.3138, 73.4487.



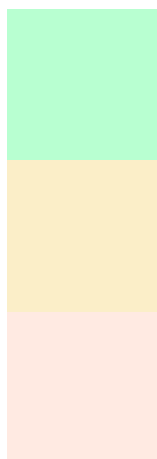
This preview shows how white text looks on a background with the XYZ color 67.0358, 86.3138,

73.4487.

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

67.0358, 86.3138, 73.4487

Protanopia

80.7835, 85.8284, 66.9524

Deuteranopia

84.3903, 85.5966, 84.0255



Tritanopia

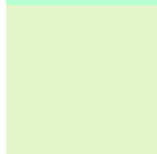
78.1249, 85.7683, 107.0450

Trichromacy



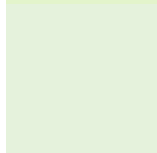
Original Color

67.0358, 86.3138, 73.4487



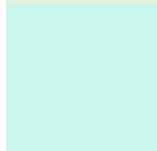
Protanomaly

74.8087, 85.3441, 69.0301



Deuteranomaly

76.9835, 85.3296, 80.1229



Tritanomaly

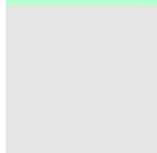
73.5952, 85.5319, 93.5194

Monochromacy



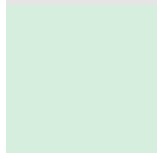
Original Color

67.0358, 86.3138, 73.4487



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.1999, 80.5691, 80.9060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0358, 86.3138, 73.4487 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(184, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 209)  
}
```

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(184, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 67.0358, 86.3138, 73.4487 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(184, 255, 209) }
```


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

```
.border{ border-color:rgb(184, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0358, 86.3138, 73.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 209) }
```

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

```
.background{ background-color: rgb(184,  
255, 209) }
```

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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