

Converting Colors

XYZ(66.1744, 85.5967, 69.5970)

Have a look what the booklet for
XYZ(66.1744, 85.5967, 69.5970)
contains.

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Color

**XYZ(65.9885, 85.3858,
69.5031)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FECB
RGB	184, 254, 203
RGB Percent	72%, 100%, 80%
CMY	0.2784, 0.0039, 0.2039
CMYK	0.28, 0.00, 0.20, 0.00
HSL	136°, 97%, 86%
HSV	136°, 28%, 100%
XYZ	65.9885, 85.3858, 69.5031
YIQ	227.2560, -25.3490, -30.7010

Conversions

Conversions Part 2

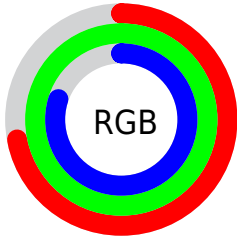
Format	Color
RYB	184, 239, 254
Decimal	12123851
CIELab	94.05, -31.61, 17.54
CIELCh	94, 36.150, 150.983
Yxy	85.3858, 0.2988, 0.3866
Android (android.graphics.Color)	4290313931 (0xFFB8FECB)
YUV	227.2560, -11.9582, -37.9355
Hunter-Lab	92.4044, -34.2361, 20.0874

Details

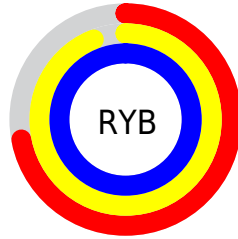
The XYZ color **65.9885, 85.3858, 69.5031** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.0119, 61.3519, 86.5948**, and the grayscale version is **73.2994, 77.1167, 83.9801**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **34.4443, 46.7696, 35.6458** is the 20% darker color. If you saturate the color by 10%, you get **58.3664, 81.6987, 58.3136**, and if you desaturate by 10%, it is **74.9709, 89.7486, 82.1342**.

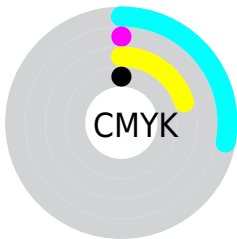
Distribution



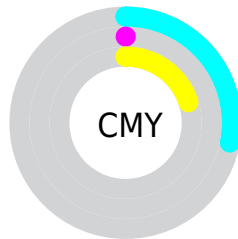
- Red (72%)
- Green (100%)
- Blue (80%)



- Red (72%)
- Yellow (94%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9885, 85.3858, 69.5031 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 65.9885, 85.3858, 69.5031 by changing the saturation by 10% instead.


 65.9885, 85.3858,
69.5031

 65.9885, 85.3858,
69.5031


435.8250,
512.9038, 477.5453

 48.5307, 64.1602,
50.6472


 112.5276,
140.9121, 120.1743

 34.4604, 46.7804,
35.5532


142.3397,
175.9815, 152.8268

 23.4121, 32.8621,
23.8023


177.0007,
216.4344, 190.9152

 15.0204, 22.0208,
14.9762

216.8758,
262.6551, 234.8581

 8.9201, 13.8722,
8.6563

262.3304,
315.0280, 285.0740

 4.7458, 8.0318,
4.4239

313.7299,

 2.1321, 4.1153,

373.9375, 341.9815

1.8607

371.4397,
439.7679, 405.9990

■ 0.7066, 1.7383,
0.4675

■ 0.0000, 0.4483,
0.0000

■ 65.9885, 85.3858,
69.5031

■ 65.9885, 85.3858,
69.5031

■ 58.3664, 81.6987,
58.3136

■ 74.9709, 89.7486,
82.1342

■ 52.0300, 78.6426,
48.5087

■ 85.3697, 94.8077,
96.2498

■ 46.9080, 76.1843,
40.0358

94.7335, 99.3669,
108.7945

■ 42.9189, 74.2831,
32.8369

■ 39.9709, 72.8928,
26.8497

■ 37.9569, 71.9597,
22.0062

■ 36.7389, 71.4140,
18.2313

■ 36.5158, 71.3159,
17.4616

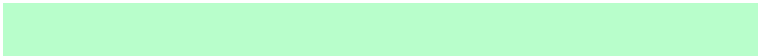
Harmonies

Analogous

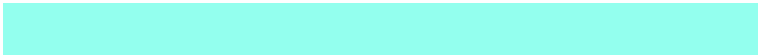
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9750, 85.3858, 54.4496



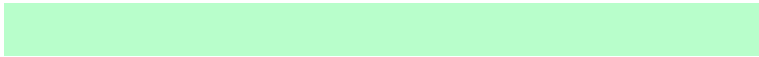
65.9885, 85.3858, 69.5031



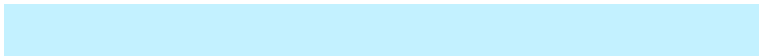
63.9825, 85.3858, 93.8849

Triad

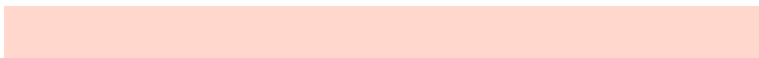
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9885, 85.3858, 69.5031



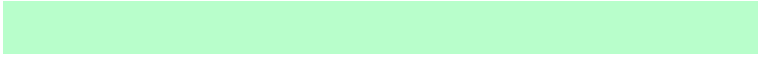
81.4752, 85.3858, 156.8654



98.1258, 85.3858, 68.2111

Complementary

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



65.9885, 85.3858, 69.5031



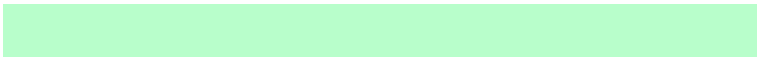
73.0119, 61.3519, 86.5948

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.



101.1579, 85.3858, 92.0623



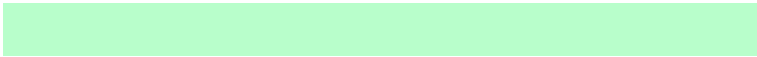
65.9885, 85.3858, 69.5031



91.0877, 85.3858, 146.3742

Square

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



65.9885, 85.3858, 69.5031



72.4849, 85.3858, 147.6109



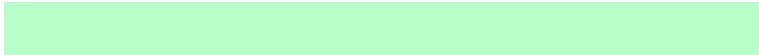
98.4874, 85.3858, 121.2025



90.4938, 85.3858, 53.8142

Rectangle

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



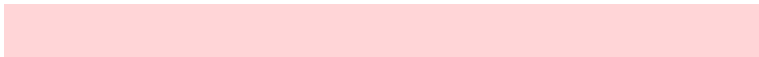
65.9885, 85.3858, 69.5031



65.0359, 85.3858, 113.3265



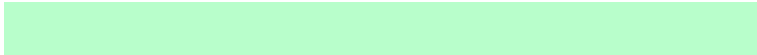
98.4874, 85.3858, 121.2025



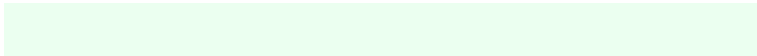
99.7427, 85.3858, 75.2111

Sweetspot

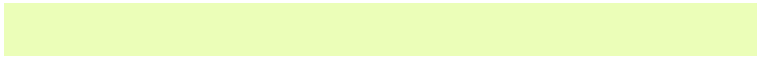
The Sweet Spot groups the original color and five complimentary colors.



65.9908, 85.3894, 69.5050



85.6376, 95.4136, 96.4479



78.4679, 92.0674, 58.9834



17.9741, 20.2492, 20.1664



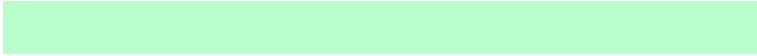
0.0000, 0.0000, 0.0000



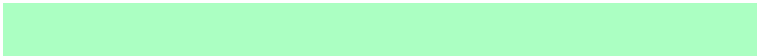
20.3446, 21.4041, 23.3091

Same Dimension

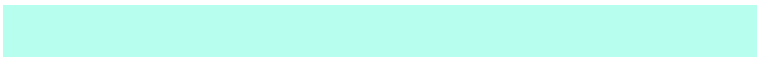
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9908, 85.3894, 69.5050



62.2248, 84.0422, 63.7988



70.5954, 87.2312, 93.7523



17.9741, 20.2492, 20.1664



19.3032, 37.6179, 9.4817



1.9229, 3.6801, 1.1518

Inverse Universe

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



73.0119, 61.3519, 86.5948



70.3628, 56.1645, 83.5953



68.4804, 59.5394, 62.7326



18.5699, 18.2113, 21.6182



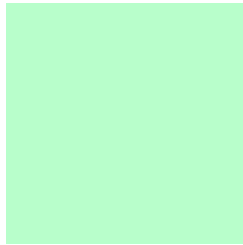
26.2339, 12.9829, 25.6800



2.6001, 1.2824, 2.7417

Previews

White Background



This preview shows how the XYZ color 65.9885, 85.3858, 69.5031 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 65.9885, 85.3858, 69.5031 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 65.9885, 85.3858, 69.5031

Background



This preview shows how black text looks on a background with the XYZ color 65.9885, 85.3858, 69.5031.



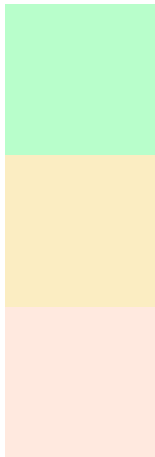
This preview shows how white text looks on a background with the XYZ color 65.9885, 85.3858,

69.5031.

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

65.9885, 85.3858, 69.5031

Protanopia

79.8055, 84.9726, 63.2341

Deuteranopia

83.6982, 84.8655, 81.7814



Tritanopia

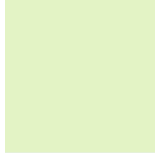
77.2427, 84.8704, 106.9182

Trichromacy



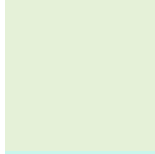
Original Color

65.9885, 85.3858, 69.5031



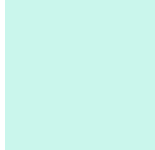
Protanomaly

73.8072, 84.4633, 65.2363



Deuteranomaly

76.1631, 84.5265, 77.2668



Tritanomaly

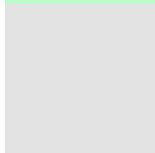
72.4532, 84.5242, 91.8530

Monochromacy



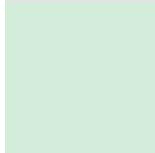
Original Color

65.9885, 85.3858, 69.5031



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.8030, 79.4792, 77.9917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9885, 85.3858, 69.5031 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, 254, 203)` looks like.

```
.text, #text, p{  
    color:rgb(184, 254, 203)  
}
```

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, 254, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 254, 203) }
```

Border

The CSS property to change the border of an element to XYZ 65.9885, 85.3858, 69.5031 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, 254, 203) }
```


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

```
.border{ border-color:rgb(184, 254, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 254, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 254, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 254, 203);  
box-shadow:4px 4px 4px 4px rgb(184, 254,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9885, 85.3858, 69.5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 254, 203) }
```

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

```
.background{ background-color: rgb(184,  
254, 203) }
```

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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