

Converting Colors

XYZ(65.3786, 80.9450, 64.8158)

Have a look what the booklet for
XYZ(65.3786, 80.9450, 64.8158)
contains.

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Color

**XYZ(65.4954, 81.0718,
65.0198)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F5C5
RGB	196, 245, 197
RGB Percent	77%, 96%, 77%
CMY	0.2314, 0.0392, 0.2274
CMYK	0.20, 0.00, 0.20, 0.04
HSL	121°, 71%, 86%
HSV	121°, 20%, 96%
XYZ	65.4954, 81.0718, 65.0198
YIQ	224.8770, -13.7960, -25.3160

Conversions

Conversions Part 2

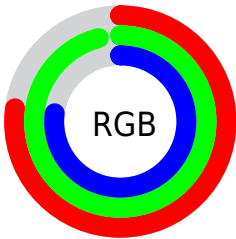
Format	Color
R _Y B	196, 244, 245
Decimal	12907973
CIE Lab	92.16, -24.59, 18.07
CIE LCh	92, 30.516, 143.690
Yxy	81.0718, 0.3095, 0.3832
Android (android.graphics.Color)	4291098053 (0xFFC4F5C5)
YUV	224.8770, -13.7434, -25.3251
Hunter-Lab	90.0399, -27.7281, 20.2133

Details

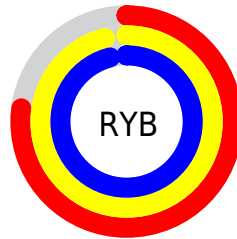
The XYZ color **65.4954, 81.0718, 65.0198** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.7280, 65.4258, 94.3340**, and the grayscale version is **71.5842, 75.3122, 82.0149**.

A 20% lighter version of the original color is **94.1574, 99.5584, 108.0200**, and **34.3109, 44.1291, 32.6960** is the 20% darker color. If you saturate the color by 10%, you get **57.1009, 77.0395, 51.3967**, and if you desaturate by 10%, it is **75.3728, 85.8226, 81.0010**.

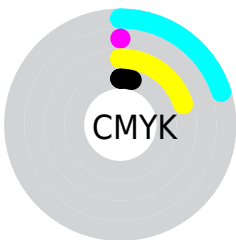
Distribution



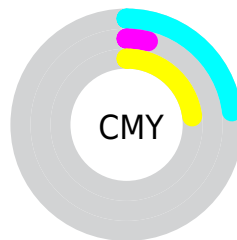
- Red (77%)
- Green (96%)
- Blue (77%)



- Red (77%)
- Yellow (96%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4954, 81.0718, 65.0198 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 65.4954, 81.0718, 65.0198 by changing the saturation by 10% instead.

65.4954, 81.0718,
65.0198

65.4954, 81.0718,
65.0198

434.0872,
498.5376, 461.1713

48.1291, 60.6007,
47.0257

111.8235,
134.8716, 113.6919

34.1408, 43.9030,
32.7015

141.5161,
168.9691, 145.2069

23.1652, 30.5943,
21.6286

176.0481,
208.3775, 182.0660

14.8369, 20.2901,
13.3886

215.7849,
253.4813, 224.6877

8.7906, 12.6061,
7.5628

261.0918,
304.6648, 273.4905

4.6608, 7.1579,
3.7328

312.3343,

2.0824, 3.5610,

362.3124, 328.8931

1.4799

369.8776,
426.8085, 391.3138

■ 0.6796, 1.4312,
0.2029

■ 0.0000, 0.2395,
0.0000

■ 65.4954, 81.0718,
65.0198

■ 65.4954, 81.0718,
65.0198

■ 57.1009, 77.0395,
51.3967

■ 75.3728, 85.8226,
81.0010

■ 50.1116, 73.6810,
40.0152

■ 86.7928, 91.3136,
99.4389

■ 44.4528, 70.9629,
30.7569

■ 91.9440, 93.7880,
107.8647

■ 40.0400, 68.8442,
23.4903

■ 36.7792, 67.2799,
18.0693

■ 34.5632, 66.2180,
14.3280

■ 33.2644, 65.5971,
12.0708

■ 32.6814, 65.3190,
11.0290

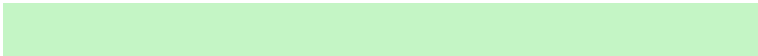
Harmonies

Analogous

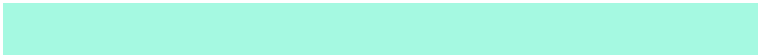
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1354, 81.0718, 54.2410



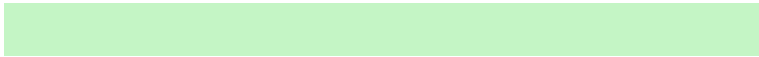
65.4954, 81.0718, 65.0198



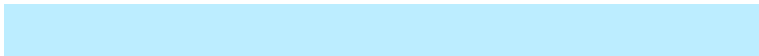
62.9745, 81.0718, 83.5962

Triad

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



65.4954, 81.0718, 65.0198



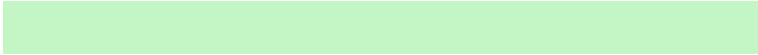
75.4054, 81.0718, 138.7287



91.7589, 81.0718, 71.9821

Complementary

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



65.4954, 81.0718, 65.0198



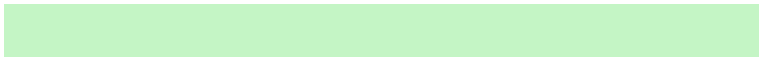
73.7280, 65.4258, 94.3340

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.



93.0949, 81.0718, 93.1219



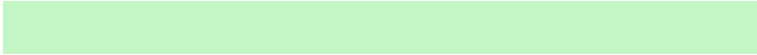
65.4954, 81.0718, 65.0198



83.2970, 81.0718, 134.1977

Square

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



65.4954, 81.0718, 65.0198



68.4395, 81.0718, 127.9991



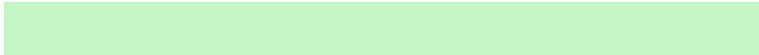
89.9034, 81.0718, 116.4995



86.3676, 81.0718, 57.7564

Rectangle

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



65.4954, 81.0718, 65.0198



63.2706, 81.0718, 98.9315



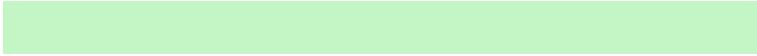
89.9034, 81.0718, 116.4995



92.7117, 81.0718, 78.4096

Sweetspot

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



65.4976, 81.0752, 65.0216



87.3234, 96.2848, 96.4302



79.9916, 88.5604, 65.1032



18.5189, 20.5262, 20.3623



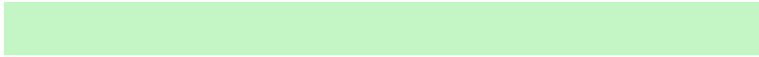
0.0000, 0.0000, 0.0000



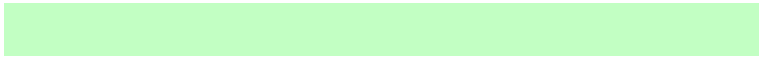
20.3446, 21.4041, 23.3091

Same Dimension

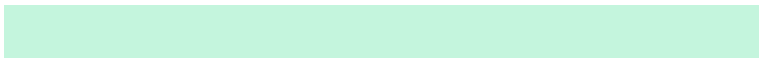
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4976, 81.0752, 65.0216



67.8128, 86.9053, 64.8596



68.5131, 82.2815, 80.9012



16.2959, 18.4775, 17.5768



17.6114, 35.1894, 5.9732



1.5526, 3.0947, 0.5499

Inverse Universe

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



73.7280, 65.4258, 94.3340



78.3367, 66.8944, 102.3394



70.2750, 64.0446, 76.1506



17.1982, 16.7621, 20.7901



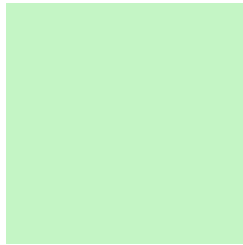
28.7657, 13.8497, 45.6020



2.5328, 1.2191, 4.0321

Previews

White Background



This preview shows how the XYZ color 65.4954, 81.0718, 65.0198 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 65.4954, 81.0718, 65.0198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

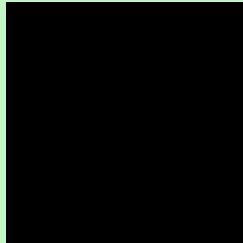
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

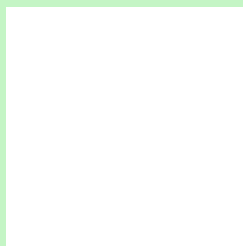
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4954, 81.0718, 65.0198

Background



This preview shows how black text looks on a background with the XYZ color 65.4954, 81.0718, 65.0198.



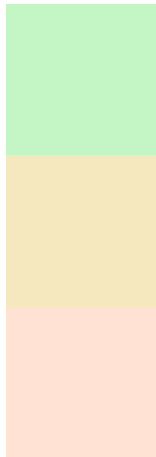
This preview shows how white text looks on a background with the XYZ color 65.4954, 81.0718, 65.0198.

65.0198.

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

65.4954, 81.0718, 65.0198

Protanopia

75.5264, 80.2820, 60.2305

Deuteranopia

80.3200, 80.4062, 73.5740



Tritanopia

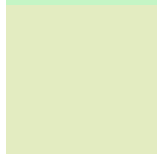
74.0663, 81.0538, 106.3490

Trichromacy



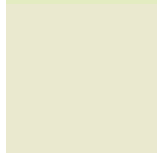
Original Color

65.4954, 81.0718, 65.0198



Protanomaly

71.2996, 80.1721, 62.1689



Deuteranomaly

74.3331, 80.2752, 70.6084



Tritanomaly

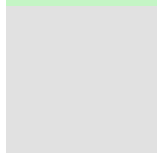
70.6400, 80.9572, 89.7451

Monochromacy



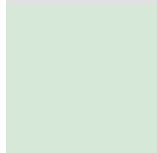
Original Color

65.4954, 81.0718, 65.0198



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

68.8539, 76.9157, 75.5072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4954, 81.0718, 65.0198 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(196, 245, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 245, 197)  
}
```

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(196, 245, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 245, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.4954, 81.0718, 65.0198 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(196, 245, 197) }
```


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

```
.border{ border-color:rgb(196, 245, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 245, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 245, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 245, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 245,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4954, 81.0718, 65.0198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 245, 197) }
```

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

```
.background{ background-color: rgb(196,  
245, 197) }
```

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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