

Converting Colors

XYZ(65.1851, 82.7618, 82.6017)

Have a look what the booklet for
XYZ(65.1851, 82.7618, 82.6017)
contains.

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Color

**XYZ(65.1841, 82.8129,
82.3610)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | AFFADF |
| RGB | 175, 250, 223 |
| RGB Percent | 69%, 98%, 87% |
| CMY | 0.3137, 0.0196, 0.1255 |
| CMYK | 0.30, 0.00, 0.11, 0.02 |
| HSL | 158°, 88%, 83% |
| HSV | 158°, 30%, 98% |
| XYZ | 65.1841, 82.8129, 82.3610 |
| YIQ | 224.4970, -36.0330, -24.2970 |

Conversions

Conversions Part 2

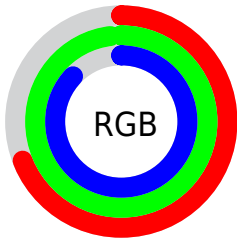
| Format | Color |
|-------------------------------------|--|
| RYB | 175, 221, 250 |
| Decimal | 11533023 |
| CIELab | 92.93, -28.61, 5.59 |
| CIELCh | 93, 29.145, 168.951 |
| Yxy | 82.8129, 0.2830, 0.3595 |
| Android (android.graphics.Color) | 4289723103 (0xFFAFFADF) |
| YUV | 224.4970, -0.7380, -43.4089 |
| Hunter-Lab | 91.0016, -31.3939, 10.0407 |

Details

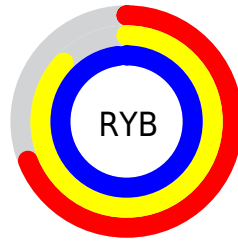
The XYZ color **65.1841, 82.8129, 82.3610** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.4178, 55.2503, 63.0969**, and the grayscale version is **71.2326, 74.9423, 81.6121**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **33.8836, 44.9602, 43.9381** is the 20% darker color. If you saturate the color by 10%, you get **58.9029, 79.7135, 75.9008**, and if you desaturate by 10%, it is **72.5732, 86.4804, 89.2134**.

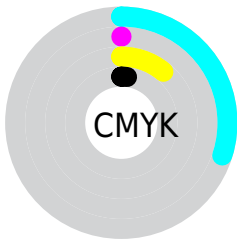
Distribution



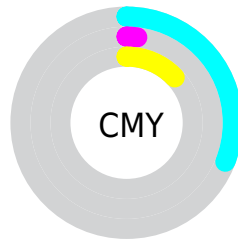
- Red (69%)
- Green (98%)
- Blue (87%)



- Red (69%)
- Yellow (87%)
- Blue (98%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)





- Cyan (31%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1841, 82.8129, 82.3610 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 65.1841, 82.8129, 82.3610 by changing the saturation by 10% instead.


 65.1841, 82.8129,
82.3610

 65.1841, 82.8129,
82.3610


432.9880,
504.3628, 522.7695

 47.8756, 62.0358,
61.1256


 111.3787,
137.3134, 138.5214

 33.9392, 45.0616,
43.8953


140.9956,
171.8056, 174.2834

 23.0096, 31.5060,
30.2516

175.4460,
211.6382, 215.7247

 14.7213, 20.9844,
19.7760

215.0952,
257.1958, 263.2638

 8.7091, 13.1126,
12.0499

260.3087,
308.8626, 317.3194

 4.6075, 7.5062,
6.6547

311.4518,

 2.0512, 3.7806,

367.0231, 378.3098

3.1719

368.8897,
432.0617, 446.6537

0.6625, 1.5516,
1.1831

0.0000, 0.3246,
0.0000

65.1841, 82.8129,
82.3610

65.1841, 82.8129,
82.3610

58.9029, 79.7135,
75.9008

72.5732, 86.4804,
89.2134

53.6643, 77.1421,
69.8193

81.1173, 90.7334,
96.4599

49.4065, 75.0691,
64.1100

90.8689, 95.6014,
104.1098

46.0583, 73.4579,
58.7642

93.4771, 96.8542,
108.3757

■ 43.5382, 72.2666,
53.7724

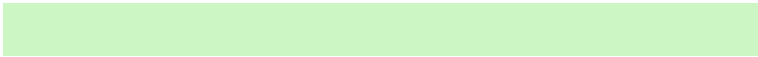
■ 41.7491, 71.4453,
49.1245

■ 40.5319, 70.9122,
44.8072

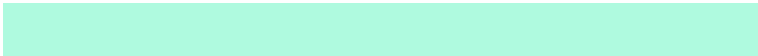
Harmonies

Analogous

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



68.1667, 82.8129, 65.3161



65.1841, 82.8129, 82.3610



65.6462, 82.8129, 104.5003

Triad

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



65.1841, 82.8129, 82.3610



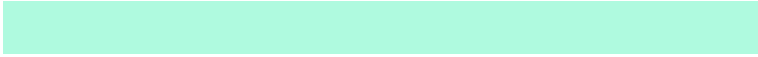
83.5679, 82.8129, 135.9837



88.7345, 82.8129, 62.0722

Complementary

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



65.1841, 82.8129, 82.3610



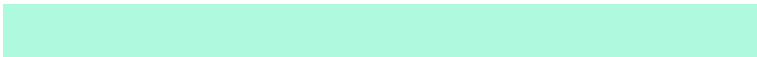
65.4178, 55.2503, 63.0969

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.



93.4039, 82.8129, 77.2121



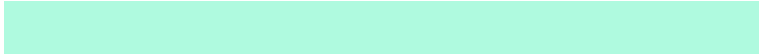
65.1841, 82.8129, 82.3610



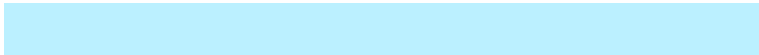
90.2905, 82.8129, 120.6409

Square

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



65.1841, 82.8129, 82.3610



75.9354, 82.8129, 137.9621



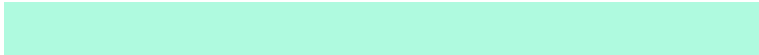
93.9911, 82.8129, 98.4559



81.5538, 82.8129, 54.9260

Rectangle

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



65.1841, 82.8129, 82.3610



67.8537, 82.8129, 119.2167



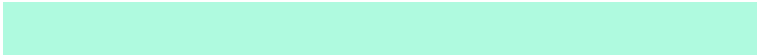
93.9911, 82.8129, 98.4559



90.6691, 82.8129, 66.2705

Sweetspot

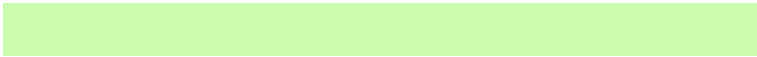
The Sweet Spot groups the original color and five complimentary colors.



65.1864, 82.8163, 82.3629



85.8029, 95.3834, 101.6719



66.4188, 84.0964, 53.2903



18.0663, 20.2669, 21.5188



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

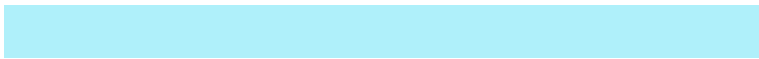
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.1864, 82.8163, 82.3629



64.0833, 84.5989, 82.0234



66.0973, 78.3395, 102.0838



17.4851, 19.4963, 20.7549



21.5698, 37.6409, 24.1416



2.0484, 3.5065, 2.5028

Inverse Universe

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



65.4178, 55.2503, 63.0969



64.3651, 51.5224, 58.9266



64.5137, 58.1192, 48.3766



17.5028, 17.3285, 19.2375



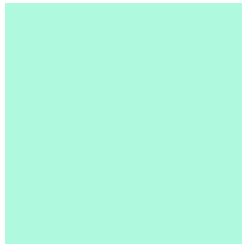
21.9534, 11.1971, 6.4630



2.0819, 1.0565, 0.8550

Previews

White Background



This preview shows how the XYZ color 65.1841, 82.8129, 82.3610 looks on a white background.

Color Contrast Check

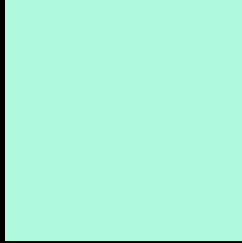
Large Text (above 18pt) WCAG AA × Fail

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 65.1841, 82.8129, 82.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

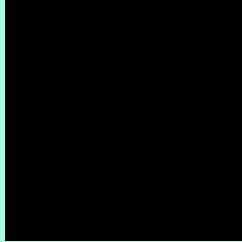
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

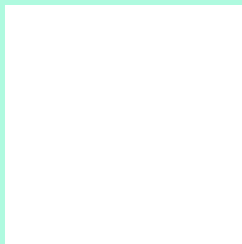
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1841, 82.8129, 82.3610

Background



This preview shows how black text looks on a background with the XYZ color 65.1841, 82.8129, 82.3610.

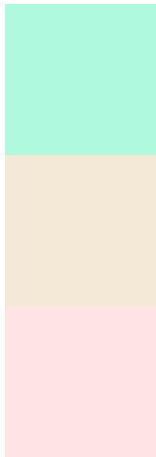


This preview shows how white text looks on a background with the XYZ color 65.1841, 82.8129,

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

65.1841, 82.8129, 82.3610

Protanopia

78.2387, 82.1876, 75.3585

Deuteranopia

82.8519, 81.8553, 85.5616



Tritanopia

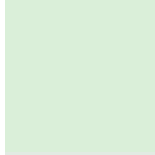
73.5927, 82.5481, 106.6624

Trichromacy



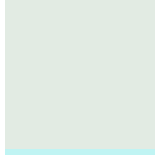
Original Color

65.1841, 82.8129, 82.3610



Protanomaly

72.3043, 81.6482, 77.5945



Deuteranomaly

74.9375, 81.1315, 84.3834



Tritanomaly

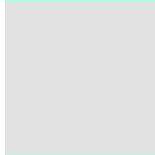
70.2666, 82.3789, 96.9913

Monochromacy



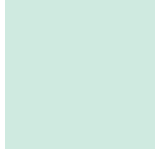
Original Color

65.1841, 82.8129, 82.3610



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

68.6095, 77.4929, 81.8625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1841, 82.8129, 82.3610 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(175, 250, 223)` looks like.

```
.text, #text, p{  
    color:rgb(175, 250, 223)  
}
```

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(175, 250, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 250, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.1841, 82.8129, 82.3610 is called "border". The border property can be set on classes, ids or directly on the HTML element.

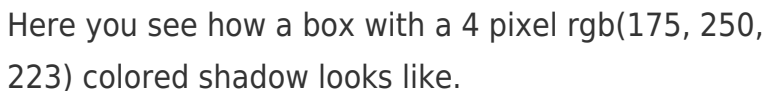
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 250, 223) }
```


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

```
.border{ border-color:rgb(175, 250, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 250, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 250, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 250, 223); box-shadow:4px 4px 4px 4px rgb(175, 250, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1841, 82.8129, 82.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 250, 223) }
```

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

```
.background{ background-color: rgb(175,  
250, 223) }
```

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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