

Converting Colors

XYZ(65.1215, 75.7504, 81.7531)

Have a look what the booklet for
XYZ(65.1215, 75.7504, 81.7531)
contains.

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Color

**XYZ(65.1255, 75.6968,
81.6995)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C2EAE0 |
| RGB | 194, 234, 224 |
| RGB Percent | 76%, 92%, 88% |
| CMY | 0.2392, 0.0823, 0.1216 |
| CMYK | 0.17, 0.00, 0.04, 0.08 |
| HSL | 165°, 49%, 84% |
| HSV | 165°, 17%, 92% |
| XYZ | 65.1255, 75.6968, 81.6995 |
| YIQ | 220.9000, -20.6300, -11.5900 |

Conversions

Conversions Part 2

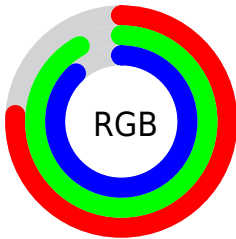
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 194, 217, 234 |
| Decimal | 12774112 |
| CIELab | 89.72, -14.88, 0.53 |
| CIELCh | 90, 14.893, 177.948 |
| Yxy | 75.6968, 0.2927, 0.3402 |
| Android (android.graphics.Color) | 4290964192 (0xFFC2EAE0) |
| YUV | 220.9000, 1.5283, -23.5913 |
| Hunter-Lab | 87.0039, -18.6433, 5.2275 |

Details

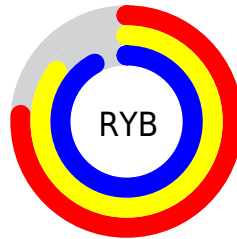
The XYZ color **65.1255, 75.6968, 81.6995** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.1252, 60.4376, 65.4159**, and the grayscale version is **68.6588, 72.2344, 78.6633**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **33.8970, 40.2808, 43.5245** is the 20% darker color. If you saturate the color by 10%, you get **58.8067, 72.5315, 77.3333**, and if you desaturate by 10%, it is **72.4216, 79.3668, 86.2572**.

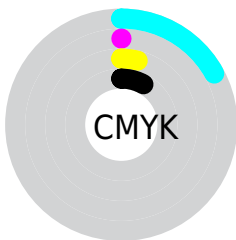
Distribution



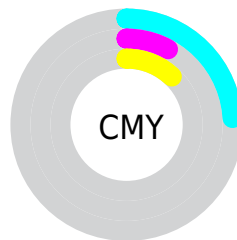
- Red (76%)
- Green (92%)
- Blue (88%)



- Red (76%)
- Yellow (85%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1255, 75.6968, 81.6995 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 65.1255, 75.6968, 81.6995 by changing the saturation by 10% instead.

65.1255, 75.6968,
81.6995

65.1255, 75.6968,
81.6995

432.7809,
480.3092, 520.4990

47.8279, 56.1839,
60.5835

111.2950,
127.2982, 137.5854

33.9013, 40.3504,
43.4608

140.8976,
160.1556, 173.1924

22.9803, 27.8119,
29.9127

175.3326,
198.2298, 214.4668

14.6996, 18.1839,
19.5209

214.9653,
241.9055, 261.8272

8.6938, 11.0821,
11.8666

260.1612,
291.5668, 315.6921

4.5975, 6.1221,
6.5315

311.2855,

2.0454, 2.9195,

347.5983, 376.4800

3.0969

368.7036,
410.3843, 444.6094

0.6593, 1.0898,
1.1443

0.0000, 0.0000,
0.0000

65.1255, 75.6968,
81.6995

65.1255, 75.6968,
81.6995

58.8067, 72.5315,
77.3333

72.4216, 79.3668,
86.2572

53.4143, 69.8386,
73.1500


80.7301, 83.5535,
91.0048


48.9026, 67.5967,
69.1477

86.6247, 86.4926,
95.7847


45.2192, 65.7787,
65.3224


87.5158, 86.8491,
100.4771


 42.3061, 64.3548,
61.6700


 88.4352, 87.2168,
105.3189

 40.0977, 63.2911,
58.1859

 88.7142, 87.3284,
106.7881

 38.5169, 62.5480,
54.8649

 37.4640, 62.0742,
51.7009

 37.2102, 61.9628,
50.8087

Harmonies

Analogous

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



66.1327, 75.6968, 72.1575



65.1255, 75.6968, 81.6995



65.8941, 75.6968, 92.2566

Triad

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



65.1255, 75.6968, 81.6995



75.3045, 75.6968, 101.5870



75.7565, 75.6968, 66.4561

Complementary

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



65.1255, 75.6968, 81.6995



64.1252, 60.4376, 65.4159

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.



78.3608, 75.6968, 73.3105



65.1255, 75.6968, 81.6995



78.0937, 75.6968, 93.6142

Square

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



65.1255, 75.6968, 81.6995



71.6952, 75.6968, 104.3045



79.2301, 75.6968, 83.1466



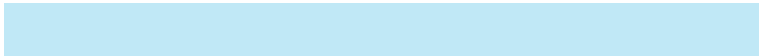
72.2005, 75.6968, 63.8346

Rectangle

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



65.1255, 75.6968, 81.6995



67.3252, 75.6968, 98.3509



79.2301, 75.6968, 83.1466



76.7768, 75.6968, 68.3113

Sweetspot

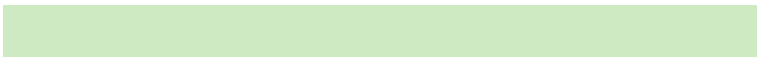
The Sweet Spot groups the original color and five complimentary colors.



65.1276, 75.6999, 81.7012



90.0047, 97.4579, 106.0066



64.2478, 75.6757, 62.2608



19.1183, 20.7863, 22.6037



0.0000, 0.0000, 0.0000



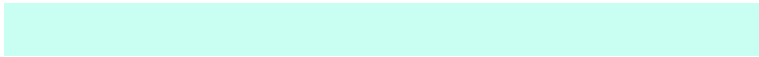
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1276, 75.6999, 81.7012



75.9369, 90.3873, 97.1412



63.9370, 71.0831, 88.1962



15.3474, 17.0538, 18.5121



20.9621, 34.8393, 28.8291



1.6840, 2.7509, 2.4639

Inverse Universe

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



64.1252, 60.4376, 65.4159



74.4770, 68.1415, 73.4100



65.1065, 64.2592, 60.0119



15.2200, 15.1158, 16.4437



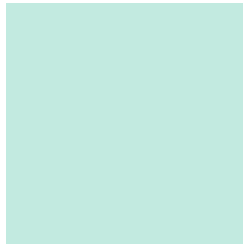
19.5467, 10.0214, 3.4144



1.5725, 0.8020, 0.4660

Previews

White Background



This preview shows how the XYZ color 65.1255, 75.6968, 81.6995 looks on a white background.

Color Contrast Check

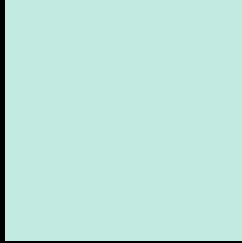
Large Text (above 18pt) WCAG AA × Fail

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 65.1255, 75.6968, 81.6995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

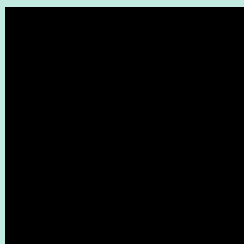
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

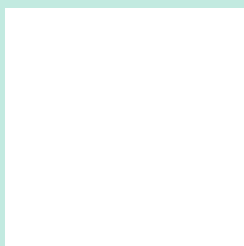
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1255, 75.6968, 81.6995

Background



This preview shows how black text looks on a background with the XYZ color 65.1255, 75.6968, 81.6995.

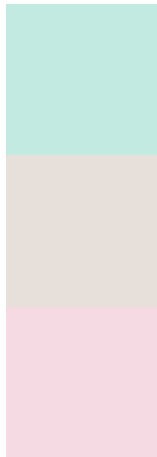


This preview shows how white text looks on a background with the XYZ color 65.1255, 75.6968,

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

65.1255, 75.6968, 81.6995

Protanopia

72.2655, 75.3622, 77.0672

Deuteranopia

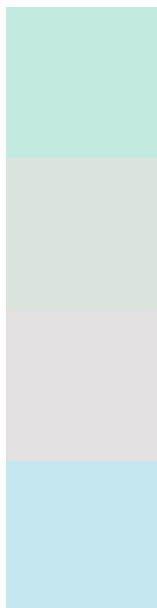
76.9426, 75.2817, 83.1486



Tritanopia

68.9489, 75.5753, 100.5760

Trichromacy



Original Color

65.1255, 75.6968, 81.6995

Protanomaly

69.5751, 75.5595, 78.6276

Deuteranomaly

72.0617, 75.1332, 82.6556

Tritanomaly

67.3300, 75.3134, 93.4263

Monochromacy



Original Color

65.1255, 75.6968, 81.6995

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.2451, 73.5155, 79.7530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1255, 75.6968, 81.6995 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(194, 234, 224)` looks like.

```
.text, #text, p{  
    color:rgb(194, 234, 224)  
}
```

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(194, 234, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 234, 224) }
```

Border

The CSS property to change the border of an element to XYZ 65.1255, 75.6968, 81.6995 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(194, 234, 224) }
```


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

```
.border{ border-color:rgb(194, 234, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 234, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 234, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 234, 224);  
box-shadow:4px 4px 4px 4px rgb(194, 234,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1255, 75.6968, 81.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 234, 224) }
```

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

```
.background{ background-color: rgb(194,  
234, 224) }
```

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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