

Converting Colors

XYZ(57.2292, 71.1169, 65.5877)

Have a look what the booklet for
XYZ(57.2292, 71.1169, 65.5877)
contains.

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Color

**XYZ(57.1864, 71.1135,
65.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E8C8
RGB	176, 232, 200
RGB Percent	69%, 91%, 78%
CMY	0.3098, 0.0902, 0.2157
CMYK	0.24, 0.00, 0.14, 0.09
HSL	146°, 55%, 80%
HSV	146°, 24%, 91%
XYZ	57.1864, 71.1135, 65.3558
YIQ	211.6080, -23.1040, -21.8240

Conversions

Conversions Part 2

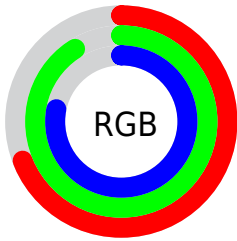
Format	Color
RYB	176, 215, 232
Decimal	11593928
CIELab	87.54, -24.19, 9.81
CIELCh	88, 26.101, 157.927
Yxy	71.1135, 0.2953, 0.3672
Android (android.graphics.Color)	4289784008 (0xFFB0E8C8)
YUV	211.6080, -5.7227, -31.2282
Hunter-Lab	84.3288, -26.5282, 13.0797

Details

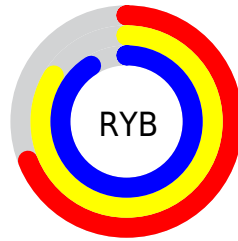
The XYZ color **57.1864, 71.1135, 65.3558** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.1916, 52.7622, 66.6891**, and the grayscale version is **62.3684, 65.6165, 71.4563**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **28.7397, 37.2636, 32.8720** is the 20% darker color. If you saturate the color by 10%, you get **50.8996, 68.0458, 57.3216**, and if you desaturate by 10%, it is **64.5080, 74.7030, 74.1429**.

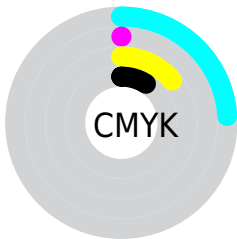
Distribution



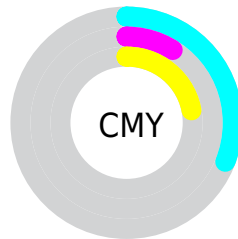
- Red (69%)
- Green (91%)
- Blue (78%)



- Red (69%)
- Yellow (84%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (14%)
- Black (9%)




- Cyan (31%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1864, 71.1135, 65.3558 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 57.1864, 71.1135, 65.3558 by changing the saturation by 10% instead.


 57.1864, 71.1135,
65.3558

 57.1864, 71.1135,
65.3558


404.1503,
464.4501, 462.4106

 41.3956, 52.4348,
47.2965


 99.8669, 120.7953,
114.1794

 28.8174, 37.3518,
32.9141


127.4874,
152.5673, 145.7808

 19.0863, 25.4800,
21.7900

159.7818,
189.4724, 182.7332

 11.8370, 16.4350,
13.5059

197.1155,
231.8952, 225.4553

 6.7042, 9.8325,
7.6430

239.8538,
280.2199, 274.3655

 3.3225, 5.2880,
3.7829

288.3622,

 1.3265, 2.4172,

334.8311, 329.8824

1.5070

343.0059,
396.1130, 392.4246

■ 0.2029, 0.8347,
0.2231

■ 0.0000, 0.0000,
0.0000

■ 57.1864, 71.1135,
65.3558

■ 57.1864, 71.1135,
65.3558

■ 50.8996, 68.0458,
57.3216

■ 64.5080, 74.7030,
74.1429

■ 45.5927, 65.4662,
50.0154

■ 72.9042, 78.8286,
83.6974

■ 41.2146, 63.3508,
43.4181

■ 82.4197, 83.5150,
94.0393

■ 37.7070, 61.6697,
37.5076

■ 87.8329, 86.0699,
104.9402

■ 35.0044, 60.3898,
32.2607

■ 88.1480, 86.1960,
106.5993

■ 33.0315, 59.4727,
27.6527

■ 31.6971, 58.8718,
23.6570

■ 31.1305, 58.6250,
21.5864

Harmonies

Analogous

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



60.5610, 71.1135, 53.6114



57.1864, 71.1135, 65.3558



56.5129, 71.1135, 82.2092

Triad

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



57.1864, 71.1135, 65.3558



69.2399, 71.1135, 116.1755



77.3837, 71.1135, 58.3749

Complementary

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



57.1864, 71.1135, 65.3558



60.1916, 52.7622, 66.6891

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.



80.0304, 71.1135, 72.8407



57.1864, 71.1135, 65.3558



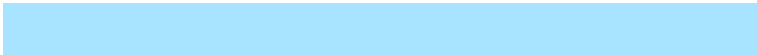
75.1455, 71.1135, 107.4290

Square

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



57.1864, 71.1135, 65.3558



63.2320, 71.1135, 113.3612



79.1873, 71.1135, 90.9078



72.1464, 71.1135, 50.0287

Rectangle

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



57.1864, 71.1135, 65.3558



57.6454, 71.1135, 94.4508



79.1873, 71.1135, 90.9078



78.6199, 71.1135, 62.5886

Sweetspot

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



57.1884, 71.1165, 65.3574



87.1860, 96.1307, 100.1858



62.8959, 74.3579, 52.1126



18.5231, 20.5079, 21.2879



0.0000, 0.0000, 0.0000



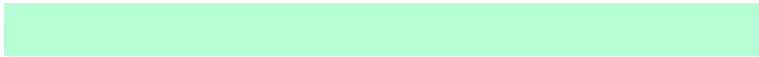
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1884, 71.1165, 65.3574



66.8052, 86.1408, 75.8846



60.6746, 72.5110, 83.7160



14.4444, 16.1912, 16.6051



17.3419, 32.5689, 12.3007



1.3273, 2.4250, 1.1499

Inverse Universe

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



60.1916, 52.7622, 66.6891



71.1350, 59.6725, 77.7991



57.1124, 51.5305, 50.4741



14.7204, 14.5053, 16.7280



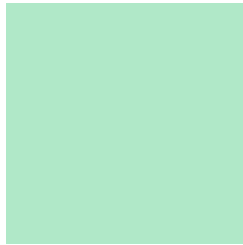
20.8735, 10.4836, 13.4947



1.5888, 0.7932, 1.2411

Previews

White Background



This preview shows how the XYZ color 57.1864, 71.1135, 65.3558 looks on a white background.

Color Contrast Check

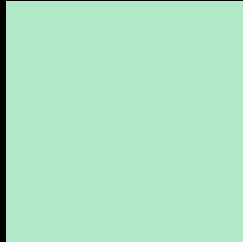
Large Text (above 18pt) WCAG AA × Fail

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 57.1864, 71.1135, 65.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

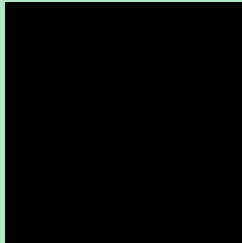
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

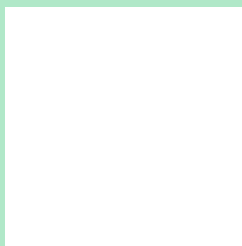
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1864, 71.1135, 65.3558

Background



This preview shows how black text looks on a background with the XYZ color 57.1864, 71.1135, 65.3558.



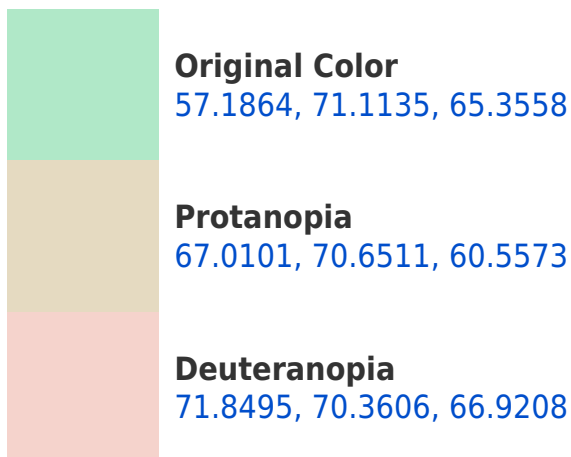
This preview shows how white text looks on a background with the XYZ color 57.1864, 71.1135,

65.3558.

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





Tritanopia

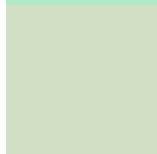
63.2927, 71.1147, 95.9786

Trichromacy



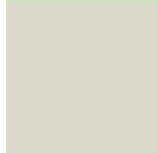
Original Color

57.1864, 71.1135, 65.3558



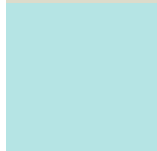
Protanomaly

62.9298, 70.4625, 62.5084



Deuteranomaly

65.6262, 70.1905, 66.5892



Tritanomaly

60.8030, 70.9120, 83.8815

Monochromacy



Original Color

57.1864, 71.1135, 65.3558



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.2699, 67.3592, 69.4996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1864, 71.1135, 65.3558 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(176, 232, 200)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 200)  
}
```

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(176, 232, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.1864, 71.1135, 65.3558 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(176, 232, 200) }
```


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

```
.border{ border-color:rgb(176, 232, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 232, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 232, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 232, 200);  
box-shadow:4px 4px 4px 4px rgb(176, 232,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1864, 71.1135, 65.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 200) }
```

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

```
.background{ background-color: rgb(176,  
232, 200) }
```

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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