

Converting Colors

XYZ(57.7005, 71.0506, 68.1916)

Have a look what the booklet for
XYZ(57.7005, 71.0506, 68.1916)
contains.

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Color

**XYZ(57.7268, 70.9067,
68.4014)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7CD
RGB	177, 231, 205
RGB Percent	69%, 91%, 80%
CMY	0.3059, 0.0941, 0.1961
CMYK	0.23, 0.00, 0.11, 0.09
HSL	151°, 53%, 80%
HSV	151°, 23%, 91%
XYZ	57.7268, 70.9067, 68.4014
YIQ	211.8900, -23.8380, -19.5340

Conversions

Conversions Part 2

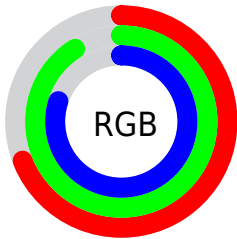
Format	Color
RYB	177, 213, 231
Decimal	11659213
CIELab	87.44, -22.43, 7.05
CIElCh	87, 23.512, 162.541
Yxy	70.9067, 0.2930, 0.3599
Android (android.graphics.Color)	4289849293 (0xFFB1E7CD)
YUV	211.8900, -3.3968, -30.5985
Hunter-Lab	84.2061, -24.9915, 10.7825

Details

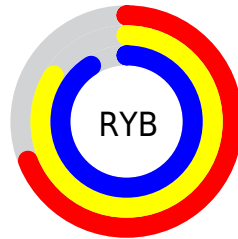
The XYZ color **57.7268, 70.9067, 68.4014** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.4591, 52.7468, 63.5503**, and the grayscale version is **62.5410, 65.7980, 71.6540**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **29.0843, 37.1053, 34.9073** is the 20% darker color. If you saturate the color by 10%, you get **51.6089, 67.9044, 61.3542**, and if you desaturate by 10%, it is **64.8348, 74.4122, 75.9962**.

Distribution



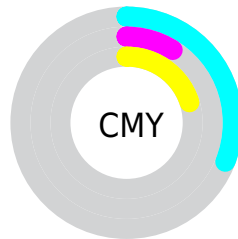
- Red (69%)
- Green (91%)
- Blue (80%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7268, 70.9067, 68.4014 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 57.7268, 70.9067, 68.4014 by changing the saturation by 10% instead.

■ 57.7268, 70.9067,
68.4014

■ 57.7268, 70.9067,
68.4014

406.1375,
463.7272, 473.5535

■ 41.8315, 52.2661,
49.7556

■ 100.6502,
120.5009, 118.5858

■ 29.1599, 37.2172,
34.8495

128.4089,
152.2232, 150.9616

■ 19.3467, 25.3757,
23.2643

160.8528,
189.0749, 188.7511

■ 12.0265, 16.3572,
14.5817

198.3473,
231.4403, 232.3728

■ 6.8341, 9.7773,
8.3830

241.2576,
279.7038, 282.2454

■ 3.4040, 5.2515,
4.2497

289.9492,

■ 1.3708, 2.3956,

334.2499, 338.7874

1.7633

344.7873,
395.4629, 402.4172

■ 0.2353, 0.8236,
0.4036

■ 0.0000, 0.0000,
0.0000

■ 57.7268, 70.9067,
68.4014

■ 57.7268, 70.9067,
68.4014

■ 51.6089, 67.9044,
61.3542

■ 64.8348, 74.4122,
75.9962

■ 46.4283, 65.3726,
54.8375

■ 72.9706, 78.4344,
84.1460

■ 42.1363, 63.2883,
48.8399

■ 82.1770, 82.9971,
92.8639

■ 38.6771, 61.6230,
43.3476

■ 86.9933, 85.2849,
101.9039

■ 35.9883, 60.3448,
38.3465

■ 87.8672, 85.6345,
106.5057

■ 33.9979, 59.4168,
33.8214

■ 32.6190, 58.7945,
29.7557

■ 31.9536, 58.5050,
27.3057

Harmonies

Analogous

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



60.4398, 70.9067, 56.8215



57.7268, 70.9067, 68.4014



57.5135, 70.9067, 84.0273

Triad

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



57.7268, 70.9067, 68.4014



69.7364, 70.9067, 111.0130



75.5597, 70.9067, 58.3454

Complementary

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



57.7268, 70.9067, 68.4014



59.4591, 52.7468, 63.5503

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.



78.3474, 70.9067, 70.7630



57.7268, 70.9067, 68.4014



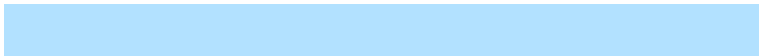
74.8636, 70.9067, 101.9601

Square

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



57.7268, 70.9067, 68.4014



64.2461, 70.9067, 110.1512



78.0859, 70.9067, 86.7341



70.6445, 70.9067, 51.5862

Rectangle

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



57.7268, 70.9067, 68.4014



58.8000, 70.9067, 94.8228



78.0859, 70.9067, 86.7341



76.7885, 70.9067, 61.9175

Sweetspot

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



57.7288, 70.9096, 68.4030



87.4320, 96.2291, 101.4810



61.1700, 73.0399, 52.4701



18.5800, 20.5307, 21.5877



0.0000, 0.0000, 0.0000



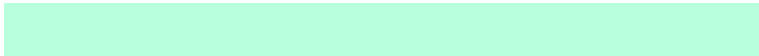
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7288, 70.9096, 68.4030



68.4320, 86.8612, 81.3007



60.8823, 71.7690, 86.2487



14.4998, 16.2134, 16.8968



17.9760, 32.8225, 15.6397



1.3753, 2.4442, 1.4027

Inverse Universe

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



59.4591, 52.7468, 63.5503



70.9498, 60.4359, 74.2417



56.7934, 51.9659, 48.6330



14.6646, 14.4830, 16.4343



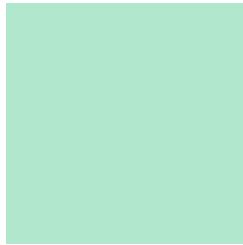
20.1527, 10.1953, 9.6992



1.5360, 0.7721, 0.9629

Previews

White Background



This preview shows how the XYZ color 57.7268, 70.9067, 68.4014 looks on a white background.

Color Contrast Check

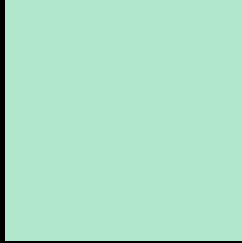
Large Text (above 18pt) WCAG AA × Fail

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 57.7268, 70.9067, 68.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

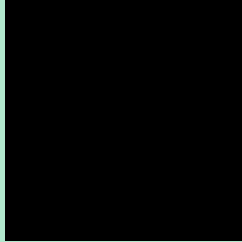
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

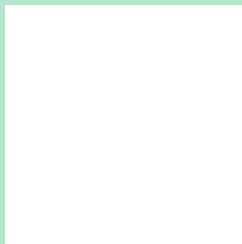
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7268, 70.9067, 68.4014

Background



This preview shows how black text looks on a background with the XYZ color 57.7268, 70.9067, 68.4014.



This preview shows how white text looks on a background with the XYZ color 57.7268, 70.9067,

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

57.7268, 70.9067, 68.4014

Protanopia

66.9430, 70.5509, 63.5155

Deuteranopia

71.7650, 70.2467, 70.0981



Tritanopia

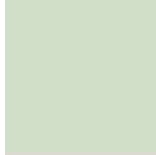
62.8700, 70.5118, 95.0906

Trichromacy



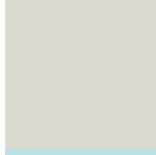
Original Color

57.7268, 70.9067, 68.4014



Protanomaly

63.2248, 70.5477, 65.5431



Deuteranomaly

65.6700, 69.7569, 69.6778



Tritanomaly

60.6680, 70.4191, 84.5234

Monochromacy



Original Color

57.7268, 70.9067, 68.4014



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.3933, 67.4086, 70.1497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7268, 70.9067, 68.4014 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(177, 231, 205)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 205)  
}
```

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(177, 231, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.7268, 70.9067, 68.4014 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(177, 231, 205) }
```


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

```
.border{ border-color:rgb(177, 231, 205) }
```

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

Here you see how a box with a 4 pixel rgb(177, 231, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 205);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7268, 70.9067, 68.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 205) }
```

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

```
.background{ background-color: rgb(177,  
231, 205) }
```

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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