

Converting Colors

XYZ(57.5710, 69.2549, 68.1916)

Have a look what the booklet for
XYZ(57.5710, 69.2549, 68.1916)
contains.

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Color

**XYZ(57.5446, 69.1697,
68.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E3CD
RGB	181, 227, 205
RGB Percent	71%, 89%, 80%
CMY	0.2902, 0.1098, 0.1961
CMYK	0.20, 0.00, 0.10, 0.11
HSL	151°, 45%, 80%
HSV	151°, 20%, 89%
XYZ	57.5446, 69.1697, 68.0758
YIQ	210.7380, -20.3540, -16.5940

Conversions

Conversions Part 2

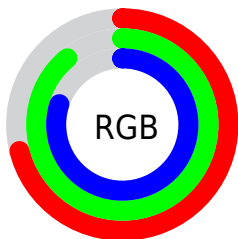
Format	Color
RYB	181, 211, 227
Decimal	11920333
CIELab	86.59, -19.20, 5.86
CIELCh	87, 20.078, 163.036
Yxy	69.1697, 0.2954, 0.3551
Android (android.graphics.Color)	4290110413 (0xFFB5E3CD)
YUV	210.7380, -2.8288, -26.0802
Hunter-Lab	83.1683, -22.0395, 9.6872

Details

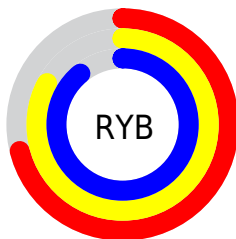
The XYZ color **57.5446, 69.1697, 68.0758** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.9844, 53.6922, 63.7577**, and the grayscale version is **61.7733, 64.9903, 70.7744**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.0908, 36.2514, 34.7421** is the 20% darker color. If you saturate the color by 10%, you get **51.3841, 66.1420, 61.1824**, and if you desaturate by 10%, it is **64.6672, 72.6867, 75.4920**.

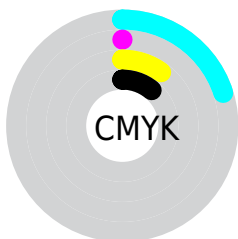
Distribution



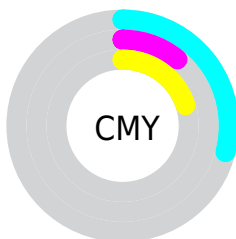
- Red (71%)
- Green (89%)
- Blue (80%)



- Red (71%)
- Yellow (83%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5446, 69.1697, 68.0758 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 57.5446, 69.1697, 68.0758 by changing the saturation by 10% instead.


 57.5446, 69.1697,
68.0758

 57.5446, 69.1697,
68.0758

405.4681,
457.6293, 472.3699

 41.6845, 50.8499,
49.4923

 100.3862,
118.0239, 118.1158

 29.0443, 36.0892,
34.6418


128.0983,
149.3272, 150.4094

 19.2588, 24.5031,
23.1058


160.4919,
185.7270, 188.1102

 11.9626, 15.7072,
14.4656

197.9322,
227.6079, 231.6366

 6.7902, 9.3172,
8.3028

240.7847,
275.3541, 281.4073

 3.3764, 4.9487,
4.1987

289.4145,

 1.3558, 2.2172,

329.3502, 337.8407

1.7350

344.1873,
389.9804, 401.3554

■ 0.2244, 0.7293,
0.3846

■ 0.0000, 0.0000,
0.0000

■ 57.5446, 69.1697,
68.0758

■ 57.5446, 69.1697,
68.0758

■ 51.3841, 66.1420,
61.1824

■ 64.6672, 72.6867,
75.4920

■ 46.1361, 63.5725,
54.7954

■ 72.7869, 76.7051,
83.4376

■ 41.7553, 61.4399,
48.9045

■ 81.9443, 81.2475,
91.9248

■ 38.1899, 59.7179,
43.4970

■ 85.7207, 83.0049,
100.6622

■ 35.3822, 58.3769,
38.5596

■ 86.7604, 83.4207,
106.1368

■ 33.2668, 57.3833,
34.0783

■ 31.7658, 56.6974,
30.0380

■ 30.7660, 56.2590,
26.5112

Harmonies

Analogous

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



59.8195, 69.1697, 58.0798



57.5446, 69.1697, 68.0758



57.3993, 69.1697, 81.2485

Triad

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



57.5446, 69.1697, 68.0758



67.7845, 69.1697, 103.1659



72.5091, 69.1697, 59.1316

Complementary

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



57.5446, 69.1697, 68.0758



58.9844, 53.6922, 63.7577

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.



74.8600, 69.1697, 69.6758



57.5446, 69.1697, 68.0758



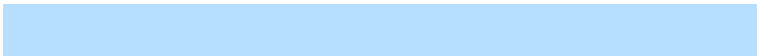
72.0467, 69.1697, 95.6591

Square

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



57.5446, 69.1697, 68.0758



63.1652, 69.1697, 102.6056



74.6869, 69.1697, 83.0480



68.3915, 69.1697, 53.3495

Rectangle

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



57.5446, 69.1697, 68.0758



58.5183, 69.1697, 90.1793



74.6869, 69.1697, 83.0480



73.5407, 69.1697, 62.1793

Sweetspot

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



57.5465, 69.1726, 68.0773



88.4874, 96.7504, 102.5595



60.5041, 71.0068, 54.2338



18.7933, 20.6360, 21.8075



0.0000, 0.0000, 0.0000



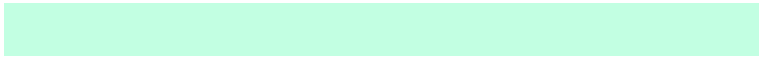
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5465, 69.1726, 68.0773



71.6470, 88.4390, 85.0504



60.1834, 69.8925, 82.9950



14.5018, 16.2141, 16.9072



18.0014, 32.8326, 15.7734



1.3771, 2.4450, 1.4126

Inverse Universe

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



58.9844, 53.6922, 63.7577



73.8163, 65.0862, 78.5351



56.7013, 53.0291, 50.9642



14.6626, 14.4822, 16.4239



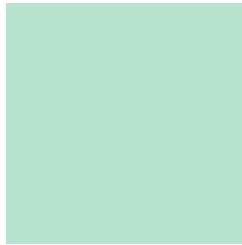
20.1297, 10.1861, 9.5780



1.5342, 0.7714, 0.9538

Previews

White Background



This preview shows how the XYZ color 57.5446, 69.1697, 68.0758 looks on a white background.

Color Contrast Check

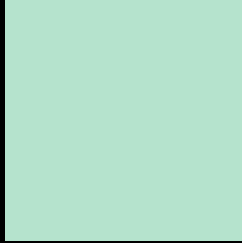
Large Text (above 18pt) WCAG AA × Fail

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 57.5446, 69.1697, 68.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

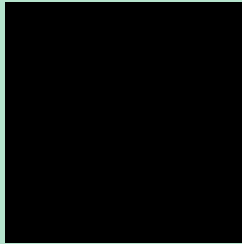
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

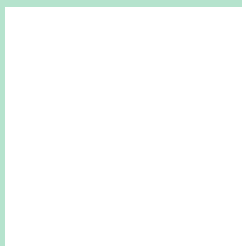
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5446, 69.1697, 68.0758

Background



This preview shows how black text looks on a background with the XYZ color 57.5446, 69.1697, 68.0758.

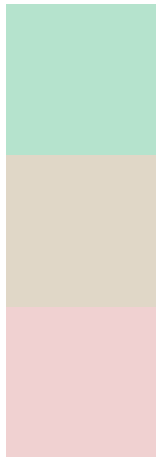


This preview shows how white text looks on a background with the XYZ color 57.5446, 69.1697,

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

57.5446, 69.1697, 68.0758

Protanopia

65.3497, 68.5717, 63.8242

Deuteranopia

70.2443, 68.7296, 69.8855



Tritanopia

62.3430, 69.0986, 92.4896

Trichromacy



Original Color

57.5446, 69.1697, 68.0758

Protanomaly

61.8866, 68.2900, 65.1779

Deuteranomaly

65.1545, 68.7259, 69.5059

Tritanomaly

60.5284, 69.1716, 82.8343

Monochromacy



Original Color

57.5446, 69.1697, 68.0758

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.1409, 66.5085, 69.9893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5446, 69.1697, 68.0758 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(181, 227, 205)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 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(181, 227, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.5446, 69.1697, 68.0758 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(181, 227, 205) }
```


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

```
.border{ border-color:rgb(181, 227, 205) }
```

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

Here you see how a box with a 4 pixel rgb(181, 227, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 227, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 227, 205);  
box-shadow:4px 4px 4px 4px rgb(181, 227,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5446, 69.1697, 68.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 205) }
```

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

```
.background{ background-color: rgb(181,  
227, 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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