

Converting Colors

XYZ(58.6035, 68.5768, 73.6670)

Have a look what the booklet for
XYZ(58.6035, 68.5768, 73.6670)
contains.

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Color

**XYZ(58.5604, 68.3567,
73.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E0D6
RGB	184, 224, 214
RGB Percent	72%, 88%, 84%
CMY	0.2784, 0.1216, 0.1608
CMYK	0.18, 0.00, 0.04, 0.12
HSL	165°, 39%, 80%
HSV	165°, 18%, 88%
XYZ	58.5604, 68.3567, 73.7260
YIQ	210.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

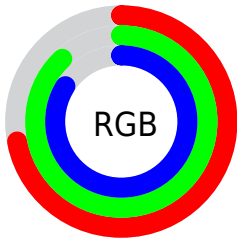
Format	Color
RYB	184, 207, 224
Decimal	12116182
CIELab	86.18, -14.99, 0.56
CIELCh	86, 15.001, 177.875
Yxy	68.3567, 0.2919, 0.3407
Android (android.graphics.Color)	4290306262 (0xFFB8E0D6)
YUV	210.9000, 1.5283, -23.5913
Hunter-Lab	82.6781, -18.2562, 5.0044

Details

The XYZ color **58.5604, 68.3567, 73.7260** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.6210, 54.0251, 58.4328**, and the grayscale version is **61.8524, 65.0736, 70.8651**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **29.6519, 35.6250, 38.1144** is the 20% darker color. If you saturate the color by 10%, you get **52.9108, 65.5273, 69.7923**, and if you desaturate by 10%, it is **65.0881, 71.6396, 77.8322**.

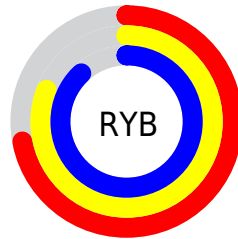
Distribution



Red (72%)

Green (88%)

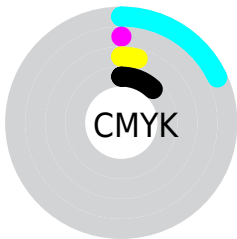
Blue (84%)



Red (72%)

Yellow (81%)

Blue (88%)

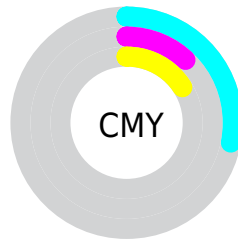


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (28%)

Magenta (12%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5604, 68.3567, 73.7260 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 58.5604, 68.3567, 73.7260 by changing the saturation by 10% instead.

■ 58.5604, 68.3567,
73.7260

■ 58.5604, 68.3567,
73.7260

409.1912,
454.7588, 492.6653

■ 42.5043, 50.1880,
54.0744

■ 101.8568,
116.8623, 126.2378

■ 29.6892, 35.5628,
38.2675

129.8278,
147.9679, 159.9350

■ 19.7497, 24.0967,
25.8870

162.5012,
184.1547, 199.1512

■ 12.3205, 15.4054,
16.5141

200.2423,
225.8069, 244.3049

■ 7.0361, 9.1044,
9.7304

243.4165,
273.3091, 295.8146

■ 3.5312, 4.8093,
5.1173

292.3892,

■ 1.4405, 2.1358,

327.0455, 354.0988

2.2563

347.5256,
387.4006, 419.5762

■ 0.2848, 0.6847,
0.7066

■ 0.0000, 0.0000,
0.0000

■ 58.5604, 68.3567,
73.7260

■ 58.5604, 68.3567,
73.7260

■ 52.9108, 65.5273,
69.7923

■ 65.0881, 71.6396,
77.8322

■ 48.0935, 63.1223,
66.0232


■ 72.5257, 75.3869,
82.1091


■ 44.0669, 61.1222,
62.4170


■ 80.9103, 79.6194,
86.5614


■ 40.7838, 59.5026,
58.9702


■ 83.0965, 80.6537,
90.8557


 38.1917, 58.2365,
55.6790


 83.9253, 80.9852,
95.2198


 36.2309, 57.2931,
52.5392


 84.7798, 81.3270,
99.7197

 34.8316, 56.6365,
49.5461

 85.6603, 81.6792,
104.3565

 33.8962, 56.2165,
46.6939

 85.9469, 81.7938,
105.8656

 33.7239, 56.1406,
46.0997

Harmonies

Analogous

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



59.5096, 68.3567, 64.7697



58.5604, 68.3567, 73.7260



59.2777, 68.3567, 83.6762

Triad

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



58.5604, 68.3567, 73.7260



68.1244, 68.3567, 92.5314



68.5654, 68.3567, 59.4611

Complementary

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



58.5604, 68.3567, 73.7260



57.6210, 54.0251, 58.4328

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.



71.0176, 68.3567, 65.8892



58.5604, 68.3567, 73.7260



70.7567, 68.3567, 85.0035

Square

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



58.5604, 68.3567, 73.7260



64.7251, 68.3567, 95.0900



71.8331, 68.3567, 75.1361



65.2175, 68.3567, 57.0008

Rectangle

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



58.5604, 68.3567, 73.7260



60.6192, 68.3567, 89.4387



71.8331, 68.3567, 75.1361



69.5262, 68.3567, 61.1999

Sweetspot

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



58.5623, 68.3595, 73.7275



90.0047, 97.4579, 106.0066



57.7292, 68.3327, 55.4953



19.1183, 20.7863, 22.6037



0.0000, 0.0000, 0.0000



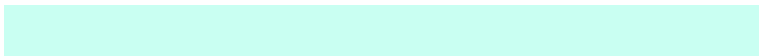
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5623, 68.3595, 73.7275



75.9369, 90.3873, 97.1412



57.4395, 64.0060, 79.8514



13.9625, 15.5107, 16.8375



19.6771, 32.6957, 27.0863



1.3990, 2.2803, 2.0624

Inverse Universe

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



57.6210, 54.0251, 58.4328



74.4770, 68.1415, 73.4100



58.5382, 57.5974, 53.3806



13.8471, 13.7565, 14.9651



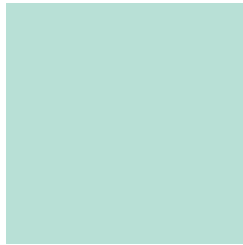
18.3478, 9.4061, 3.2312



1.3073, 0.6662, 0.4112

Previews

White Background



This preview shows how the XYZ color 58.5604, 68.3567, 73.7260 looks on a white background.

Color Contrast Check

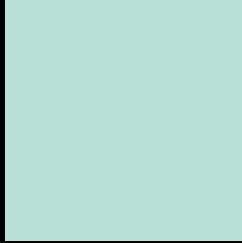
Large Text (above 18pt) WCAG AA × Fail

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 58.5604, 68.3567, 73.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

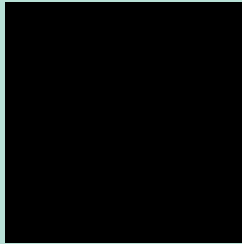
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

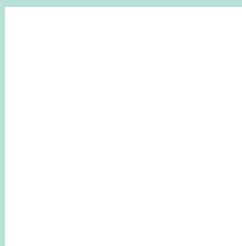
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5604, 68.3567, 73.7260

Background



This preview shows how black text looks on a background with the XYZ color 58.5604, 68.3567, 73.7260.



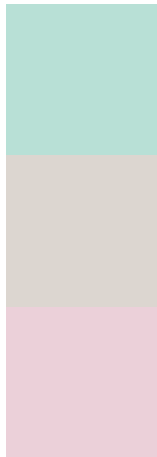
This preview shows how white text looks on a background with the XYZ color 58.5604, 68.3567,

73.7260.

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

58.5604, 68.3567, 73.7260

Protanopia

64.9469, 67.8628, 69.3503

Deuteranopia

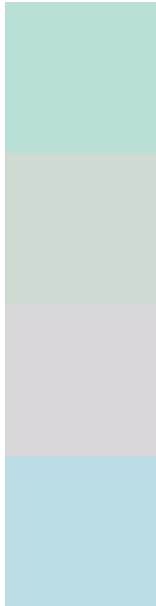
69.3412, 67.7837, 75.0745



Tritanopia

61.7649, 68.0508, 90.7687

Trichromacy



Original Color

58.5604, 68.3567, 73.7260

Protanomaly

62.4364, 68.0613, 70.8192

Deuteranomaly

64.7601, 67.6499, 74.6103

Tritanomaly

60.4928, 67.9348, 84.0532

Monochromacy



Original Color

58.5604, 68.3567, 73.7260

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.5269, 66.2827, 71.8911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5604, 68.3567, 73.7260 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(184, 224, 214)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 214)  
}
```

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(184, 224, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.5604, 68.3567, 73.7260 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(184, 224, 214) }
```


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

```
.border{ border-color:rgb(184, 224, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 214);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5604, 68.3567, 73.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 214) }
```

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

```
.background{ background-color: rgb(184,  
224, 214) }
```

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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