

Converting Colors

XYZ(73.1707, 85.8852, 88.3263)

Have a look what the booklet for
XYZ(73.1707, 85.8852, 88.3263)
contains.

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Color

**XYZ(73.1680, 85.8835,
88.3221)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF8E7
RGB	205, 248, 231
RGB Percent	80%, 97%, 91%
CMY	0.1961, 0.0274, 0.0941
CMYK	0.17, 0.00, 0.07, 0.03
HSL	156°, 75%, 89%
HSV	156°, 17%, 97%
XYZ	73.1680, 85.8835, 88.3221
YIQ	233.2050, -20.1710, -14.4030

Conversions

Conversions Part 2

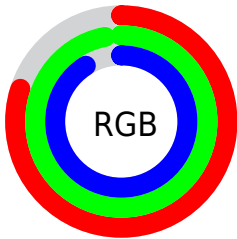
Format	Color
R _{YB}	205, 232, 248
Decimal	13498599
CIE _{Lab}	94.26, -17.02, 3.58
CIE _{LCh}	94, 17.398, 168.110
Yxy	85.8835, 0.2958, 0.3472
Android (android.graphics.Color)	4291688679 (0xFFCDF8E7)
YUV	233.2050, -1.0871, -24.7358
Hunter-Lab	92.6734, -21.2480, 8.3652

Details

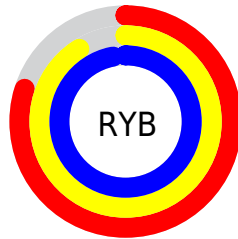
The XYZ color **73.1680, 85.8835, 88.3221** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7305, 68.8951, 78.5230**, and the grayscale version is **77.6273, 81.6699, 88.9385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1652, 47.2784, 47.6189** is the 20% darker color. If you saturate the color by 10%, you get **65.5156, 82.0964, 80.9366**, and if you desaturate by 10%, it is **81.9872, 90.2678, 96.1709**.

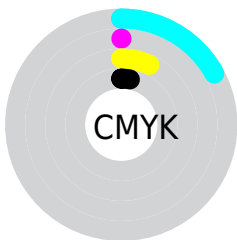
Distribution



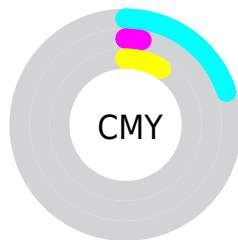
- Red (80%)
- Green (97%)
- Blue (91%)



- Red (80%)
- Yellow (91%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)





- Cyan (20%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1680, 85.8835, 88.3221 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 73.1680, 85.8835, 88.3221 by changing the saturation by 10% instead.


 73.1680, 85.8835,
88.3221

 73.1680, 85.8835,
88.3221


460.6916,
514.5470, 542.9861

 54.4022, 64.5716,
66.0240


122.7175,
141.6069, 146.9206

 39.1553, 47.1138,
47.8353


154.2320,
176.7872, 184.0581

 27.0618, 33.1256,
33.3374


190.7267,
217.3592, 226.9791

 17.7565, 22.2227,
22.1118

232.5670,
263.7072, 276.1021

 10.8739, 14.0206,
13.7400

280.1183,
316.2155, 331.8459

 6.0488, 8.1350,
7.8034

333.7460,

 2.9157, 4.1815,

375.2687, 394.6287

3.8834

393.8153,
441.2510, 464.8693

■ 1.1093, 1.7756,
1.5616

■ 0.0329, 0.4719,
0.2632

■ 73.1680, 85.8835,
88.3221

■ 73.1680, 85.8835,
88.3221

■ 65.5156, 82.0964,
80.9366

■ 81.9872, 90.2678,
96.1709

■ 58.9704, 78.8691,
73.9996

■ 92.0148, 95.2635,
104.4860

■ 53.4787, 76.1761,
67.5038

■ 92.8590, 95.6181,
108.1697

■ 48.9789, 73.9859,
61.4393

■ 45.4028, 72.2636,
55.7958

■ 42.6733, 70.9695,
50.5624

■ 40.6998, 70.0570,
45.7274

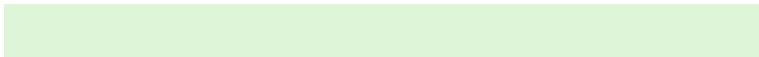
■ 39.3645, 69.4658,
41.2774

■ 39.0696, 69.3383,
40.1552

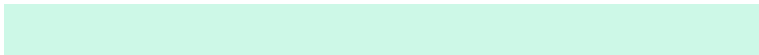
Harmonies

Analogous

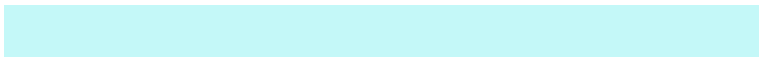
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1365, 85.8835, 77.3964



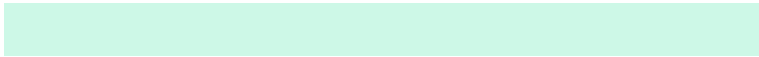
73.1680, 85.8835, 88.3221



73.4023, 85.8835, 101.7222

Triad

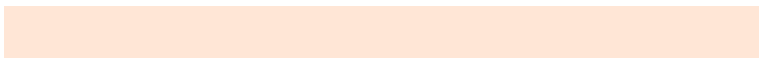
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1680, 85.8835, 88.3221



84.4481, 85.8835, 120.0984



87.7628, 85.8835, 75.6728

Complementary

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



73.1680, 85.8835, 88.3221



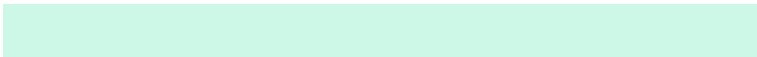
73.7305, 68.8951, 78.5230

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.



90.4500, 85.8835, 85.7569



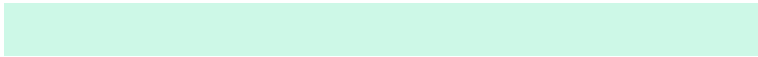
73.1680, 85.8835, 88.3221



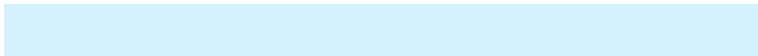
88.4866, 85.8835, 111.7236

Square

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



73.1680, 85.8835, 88.3221



79.7966, 85.8835, 120.9523



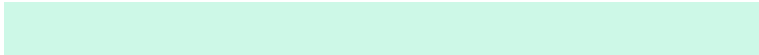
90.7198, 85.8835, 98.9024



83.4906, 85.8835, 70.5724

Rectangle

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



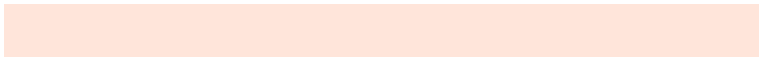
73.1680, 85.8835, 88.3221



74.7774, 85.8835, 110.2695



90.7198, 85.8835, 98.9024



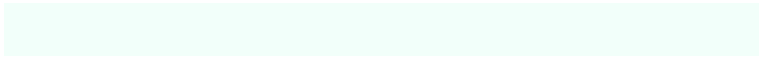
88.8883, 85.8835, 78.5455

Sweetspot

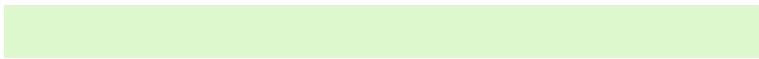
The Sweet Spot groups the original color and five complimentary colors.



73.1704, 85.8871, 88.3240



89.7127, 97.3411, 104.4689



74.7752, 87.1076, 70.6311



19.0473, 20.7579, 22.2295



0.0000, 0.0000, 0.0000



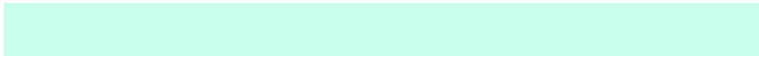
20.3446, 21.4041, 23.3091

Same Dimension

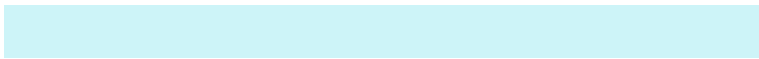
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1704, 85.8871, 88.3240



74.7949, 89.9305, 91.1275



74.3834, 84.2810, 101.1587



17.4582, 19.4855, 20.6133



21.1754, 37.4832, 22.0649



2.0134, 3.4925, 2.3184

Inverse Universe

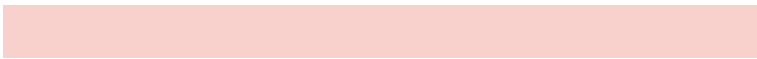
The Inverse Universe completely reimagines the original color for something new.



73.7305, 68.8951, 78.5230



75.5003, 68.5508, 78.7986



72.6076, 70.1146, 67.4653



17.5288, 17.3389, 19.3747



22.1687, 11.2832, 7.5966



2.1037, 1.0652, 0.9697

Previews

White Background



This preview shows how the XYZ color 73.1680, 85.8835, 88.3221 looks on a white background.

Color Contrast Check

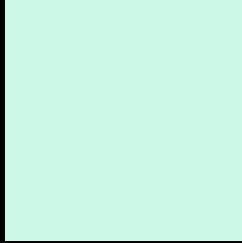
Large Text (above 18pt) WCAG AA × Fail

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 73.1680, 85.8835, 88.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

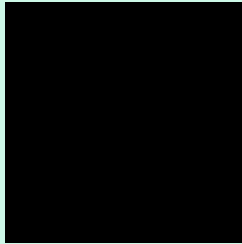
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

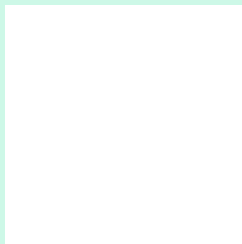
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1680, 85.8835, 88.3221

Background



This preview shows how black text looks on a background with the XYZ color 73.1680, 85.8835, 88.3221.

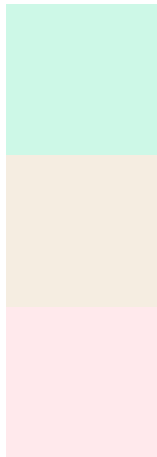


This preview shows how white text looks on a background with the XYZ color 73.1680, 85.8835,

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

73.1680, 85.8835, 88.3221

Protanopia

81.5310, 85.4171, 83.4242

Deuteranopia

85.5192, 85.5940, 91.3708



Tritanopia

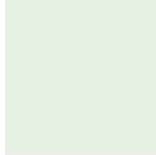
79.3173, 85.9399, 107.0153

Trichromacy



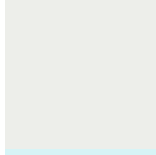
Original Color

73.1680, 85.8835, 88.3221



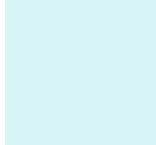
Protanomaly

77.9536, 85.2796, 85.0251



Deuteranomaly

80.3509, 85.0941, 90.0318



Tritanomaly

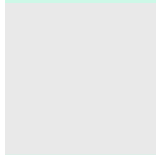
77.0096, 85.8023, 99.6914

Monochromacy



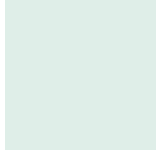
Original Color

73.1680, 85.8835, 88.3221



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.5714, 82.6632, 88.3165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1680, 85.8835, 88.3221 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(205, 248, 231)` looks like.

```
.text, #text, p{  
    color:rgb(205, 248, 231)  
}
```

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(205, 248, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 248, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.1680, 85.8835, 88.3221 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(205, 248, 231) }
```


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

```
.border{ border-color:rgb(205, 248, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 248, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 248, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 248, 231);  
box-shadow:4px 4px 4px 4px rgb(205, 248,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1680, 85.8835, 88.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 248, 231) }
```

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

```
.background{ background-color: rgb(205,  
248, 231) }
```

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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