

Converting Colors

XYZ(65.8148, 70.7079, 98.2116)

Have a look what the booklet for
XYZ(65.8148, 70.7079, 98.2116)
contains.

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Color

**XYZ(65.9357, 70.8283,
98.1917)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DEF7
RGB	197, 222, 247
RGB Percent	77%, 87%, 97%
CMY	0.2274, 0.1294, 0.0314
CMYK	0.20, 0.10, 0.00, 0.03
HSL	210°, 76%, 87%
HSV	210°, 20%, 97%
XYZ	65.9357, 70.8283, 98.1917
YIQ	217.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

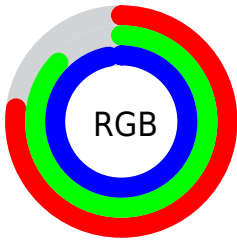
Format	Color
R _{YB}	197, 214, 247
Decimal	12967671
CIE Lab	87.40, -3.08, -14.95
CIE LCh	87, 15.262, 258.371
Yxy	70.8283, 0.2806, 0.3015
Android (android.graphics.Color)	4291157751 (0xFFC5DEF7)
YUV	217.3750, 14.6051, -17.8689
Hunter-Lab	84.1596, -7.4315, -10.2639

Details

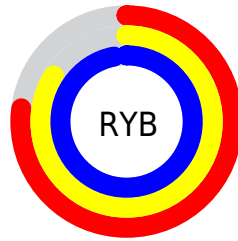
The XYZ color **65.9357, 70.8283, 98.1917** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5576, 76.0478, 63.5739**, and the grayscale version is **66.1264, 69.5702, 75.7619**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **34.5504, 37.2387, 54.6570** is the 20% darker color. If you saturate the color by 10%, you get **56.8302, 61.4439, 96.8614**, and if you desaturate by 10%, it is **76.3454, 81.2452, 99.6549**.

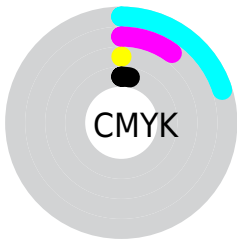
Distribution



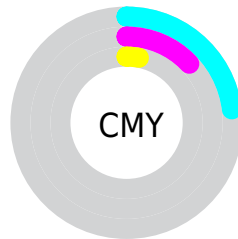
- Red (77%)
- Green (87%)
- Blue (97%)



- Red (77%)
- Yellow (84%)
- Blue (97%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (23%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9357, 70.8283, 98.1917 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 65.9357, 70.8283, 98.1917 by changing the saturation by 10% instead.

■ 65.9357, 70.8283,
98.1917

■ 65.9357, 70.8283,
98.1917

435.6391,
463.4530, 575.5765

■ 48.4877, 52.2021,
74.1828

112.4523,
120.3892, 160.7001

■ 34.4261, 37.1662,
54.4459

142.2516,
152.0927, 200.0366

■ 23.3856, 25.3362,
38.5627

176.8987,
188.9241, 245.3194

■ 15.0007, 16.3277,
26.1145

216.7590,
231.2677, 296.9670

■ 8.9062, 9.7563,
16.6828

262.1979,
279.5080, 355.3980

■ 4.7367, 5.2377,
9.8490

313.5806,

■ 2.1268, 2.3874,

334.0294, 421.0309

5.1947

371.2726,
395.2163, 494.2842

■ 0.7037, 0.8194,
2.3012

■ 0.0000, 0.0000,
0.7319

■ 65.9357, 70.8283,
98.1917

■ 65.9357, 70.8283,
98.1917

■ 56.8302, 61.4439,
96.8614

■ 76.3454, 81.2452,
99.6549

■ 48.9657, 53.0466,
95.6551

■ 88.1059, 92.7207,
101.2500

■ 42.2834, 45.5999,
94.5699

■ 93.7887, 99.4955,
102.2582

■ 36.7164, 39.0612,
93.6012

■ 32.1907, 33.3839,
92.7439

■ 28.6220, 28.5159,
91.9924

■ 25.9107, 24.3967,
91.3402

■ 23.9357, 21.0094,
90.7905

Harmonies

Analogous

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



62.8297, 70.8283, 92.8918



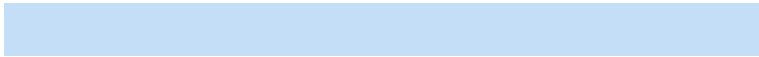
65.9357, 70.8283, 98.1917



69.5234, 70.8283, 97.4853

Triad

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



65.9357, 70.8283, 98.1917



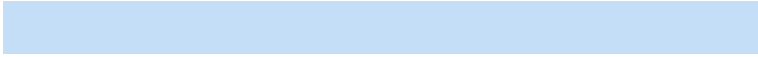
74.0991, 70.8283, 71.0447



62.2821, 70.8283, 64.6966

Complementary

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



65.9357, 70.8283, 98.1917



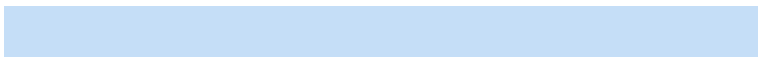
74.5576, 76.0478, 63.5739

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.



65.1640, 70.8283, 59.8090



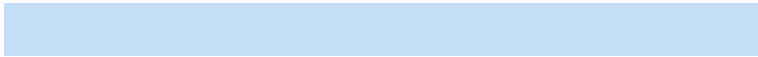
65.9357, 70.8283, 98.1917



72.0197, 70.8283, 63.2428

Square

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



65.9357, 70.8283, 98.1917



74.3237, 70.8283, 81.1818



68.7239, 70.8283, 59.3016



60.7710, 70.8283, 73.1960

Rectangle

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



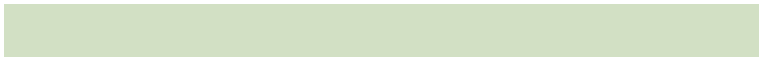
65.9357, 70.8283, 98.1917



71.7050, 70.8283, 93.7138



68.7239, 70.8283, 59.3016



63.1179, 70.8283, 62.6106

Sweetspot

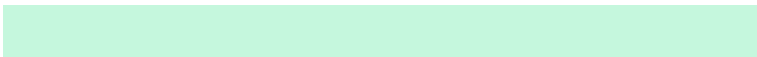
The Sweet Spot groups the original color and five complimentary colors.



65.9378, 70.8312, 98.1933



87.2516, 92.4291, 107.8497



69.3614, 83.6225, 81.0095



18.5007, 19.6127, 23.0605



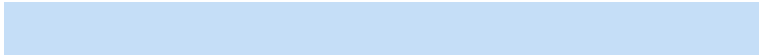
0.0000, 0.0000, 0.0000



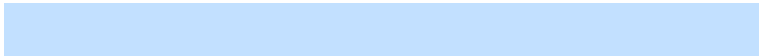
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9378, 70.8312, 98.1933



67.0110, 72.1913, 105.0102



59.9719, 58.8992, 96.2046



16.2658, 17.2959, 21.0237



12.8007, 11.3953, 48.0629



1.2278, 1.2071, 4.2585

Inverse Universe

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



71.5105, 64.9822, 77.8844



73.9966, 65.1583, 79.4850



81.4435, 89.8196, 65.8692



16.8448, 16.6208, 18.9290



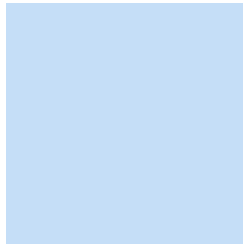
22.2657, 11.2497, 11.3737



2.0088, 1.0095, 1.2728

Previews

White Background



This preview shows how the XYZ color 65.9357, 70.8283, 98.1917 looks on a white background.

Color Contrast Check

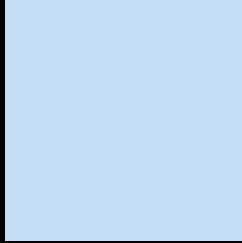
Large Text (above 18pt) WCAG AA × Fail

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 65.9357, 70.8283, 98.1917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

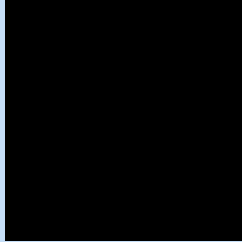
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

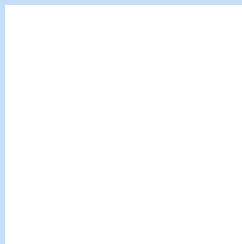
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9357, 70.8283, 98.1917

Background



This preview shows how black text looks on a background with the XYZ color 65.9357, 70.8283, 98.1917.



This preview shows how white text looks on a background with the XYZ color 65.9357, 70.8283,

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

65.9357, 70.8283, 98.1917

Protanopia

69.1663, 70.6044, 95.5705

Deuteranopia

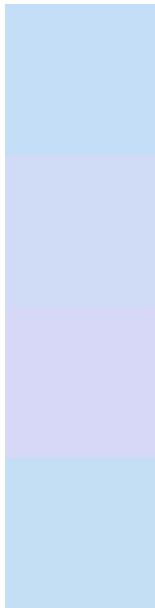
72.2572, 70.5968, 99.4407



Tritanopia

65.0298, 70.8620, 93.4694

Trichromacy



Original Color

65.9357, 70.8283, 98.1917

Protanomaly

67.8254, 70.6655, 96.4512

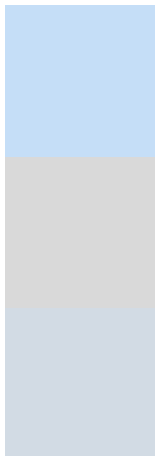
Deuteranomaly

69.5235, 70.3361, 98.7189

Tritanomaly

65.3303, 70.9822, 95.0517

Monochromacy



Original Color

65.9357, 70.8283, 98.1917

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.9135, 69.9661, 83.4296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9357, 70.8283, 98.1917 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(197, 222, 247)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 247)  
}
```

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(197, 222, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 247) }
```

Border

The CSS property to change the border of an element to XYZ 65.9357, 70.8283, 98.1917 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(197, 222, 247) }
```


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

```
.border{ border-color:rgb(197, 222, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 222, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 222, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 222, 247);  
box-shadow:4px 4px 4px 4px rgb(197, 222,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9357, 70.8283, 98.1917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 247) }
```

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

```
.background{ background-color: rgb(197,  
222, 247) }
```

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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