

Converting Colors

XYZ(69.1590, 79.0234, 86.0729)

Have a look what the booklet for
XYZ(69.1590, 79.0234, 86.0729)
contains.

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Color

**XYZ(69.0556, 78.9220,
85.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBEDE5</code>
RGB	<code>203, 237, 229</code>
RGB Percent	<code>80%, 93%, 90%</code>
CMY	<code>0.2039, 0.0706, 0.1020</code>
CMYK	<code>0.14, 0.00, 0.03, 0.07</code>
HSL	<code>166°, 49%, 86%</code>
HSV	<code>166°, 14%, 93%</code>
XYZ	<code>69.0556, 78.9220, 85.7226</code>
YIQ	<code>225.9220, -17.6960, -9.6960</code>

Conversions

Conversions Part 2

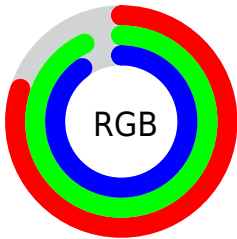
Format	Color
R _Y B	203, 222, 237
Decimal	13364709
CIE Lab	91.20, -12.57, 0.15
CIE LCh	91, 12.572, 179.313
Yxy	78.9220, 0.2955, 0.3377
Android (android.graphics.Color)	4291554789 (0xFFCBEDE5)
YUV	225.9220, 1.5175, -20.1026
Hunter-Lab	88.8381, -16.7150, 4.9759

Details

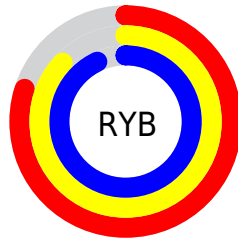
The XYZ color **69.0556, 78.9220, 85.7226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0416, 65.4215, 70.6729**, and the grayscale version is **72.2327, 75.9945, 82.7580**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5583, 42.4933, 46.3196** is the 20% darker color. If you saturate the color by 10%, you get **62.3222, 75.5415, 81.4079**, and if you desaturate by 10%, it is **76.8052, 82.8277, 90.2188**.

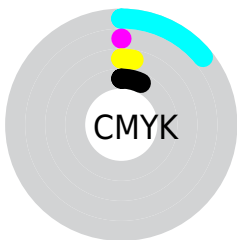
Distribution



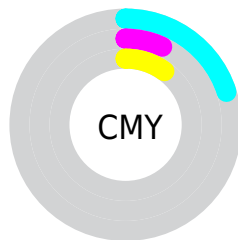
- Red (80%)
- Green (93%)
- Blue (90%)



- Red (80%)
- Yellow (87%)
- Blue (93%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0556, 78.9220, 85.7226 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 69.0556, 78.9220, 85.7226 by changing the saturation by 10% instead.

69.0556, 78.9220,
85.7226

69.0556, 78.9220,
85.7226

446.5454,
491.2924, 534.2229

51.0338, 58.8317,
63.8850

116.8946,
131.8490, 143.2654

36.4567, 42.4776,
46.1120

147.4425,
165.4546, 179.8078

24.9588, 29.4755,
31.9849

182.8966,
204.3339, 222.0888

16.1750, 19.4408,
21.0852

223.6220,
248.8716, 270.5270

9.7397, 11.9892,
12.9945

269.9843,
299.4518, 325.5410

5.2876, 6.7363,
7.2941

322.3487,

2.4535, 3.2978,

356.4591, 387.5493

3.5654

381.0806,
420.2779, 456.9704

■ 0.8719, 1.2891,
1.3901

■ 0.0000, 0.1327,
0.1340

■ 69.0556, 78.9220,
85.7226

■ 69.0556, 78.9220,
85.7226

■ 62.3222, 75.5415,
81.4079

■ 76.8052, 82.8277,
90.2188

■ 56.5534, 72.6533,
77.2661

■ 85.6062, 87.2705,
94.8945

■ 51.7031, 70.2357,
73.2956

■ 88.1198, 88.4690,
99.4090

■ 47.7187, 68.2617,
69.4926

■ 88.9880, 88.8162,
103.9806

■ 44.5422, 66.7014,
65.8531

■ 89.5756, 89.0513,
107.0752

■ 42.1083, 65.5212,
62.3728

■ 40.3413, 64.6821,
59.0469

■ 39.1486, 64.1363,
55.8698

■ 38.6489, 63.9166,
54.1353

Harmonies

Analogous

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



69.8697, 78.9220, 77.2905



69.0556, 78.9220, 85.7226



69.7998, 78.9220, 94.8068

Triad

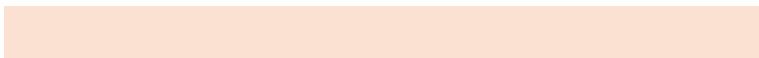
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0556, 78.9220, 85.7226



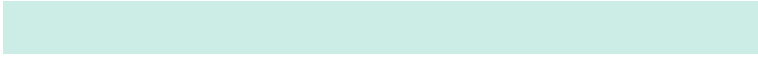
78.0508, 78.9220, 102.1477



78.1814, 78.9220, 71.7176

Complementary

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



69.0556, 78.9220, 85.7226



68.0416, 65.4215, 70.6729

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.



80.4796, 78.9220, 77.6303



69.0556, 78.9220, 85.7226



80.4027, 78.9220, 95.1961

Square

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



69.0556, 78.9220, 85.7226



74.9396, 78.9220, 104.6865



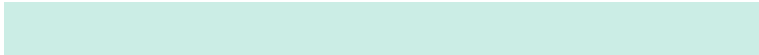
81.3035, 78.9220, 86.1430



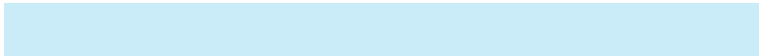
75.0864, 78.9220, 69.5640

Rectangle

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



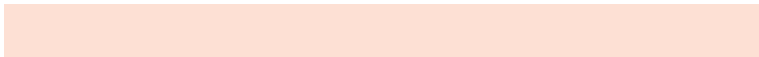
69.0556, 78.9220, 85.7226



71.0917, 78.9220, 99.9272



81.3035, 78.9220, 86.1430



79.0759, 78.9220, 73.3098

Sweetspot

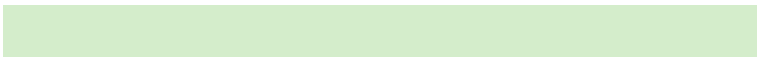
The Sweet Spot groups the original color and five complimentary colors.



69.0578, 78.9253, 85.7244



91.0123, 97.9629, 106.7060



68.0736, 78.8064, 68.1244



19.3227, 20.8886, 22.7520



0.0000, 0.0000, 0.0000



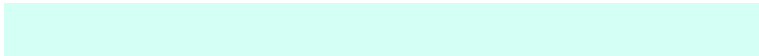
20.3446, 21.4041, 23.3091

Same Dimension

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



69.0578, 78.9253, 85.7244



79.2610, 92.0452, 99.8126



67.7982, 74.5761, 90.9459



15.3572, 17.0577, 18.5640



21.1531, 34.9157, 29.8352



1.6976, 2.7564, 2.5354

Inverse Universe

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



68.0416, 65.4215, 70.6729



77.8612, 73.4382, 79.0755



69.1258, 69.1560, 66.2062



15.2107, 15.1122, 16.3951



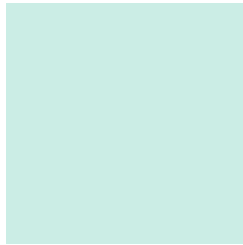
19.4968, 10.0014, 3.1514



1.5674, 0.7999, 0.4393

Previews

White Background



This preview shows how the XYZ color 69.0556, 78.9220, 85.7226 looks on a white background.

Color Contrast Check

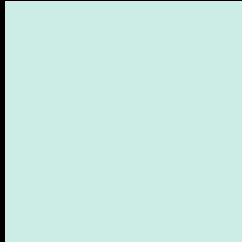
Large Text (above 18pt) WCAG AA × Fail

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 69.0556, 78.9220, 85.7226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

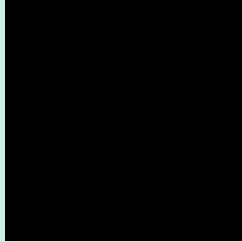
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

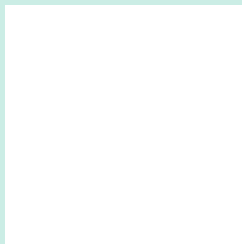
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0556, 78.9220, 85.7226

Background



This preview shows how black text looks on a background with the XYZ color 69.0556, 78.9220, 85.7226.



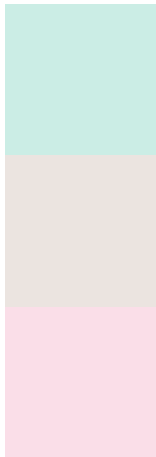
This preview shows how white text looks on a background with the XYZ color 69.0556, 78.9220,

85.7226.

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

69.0556, 78.9220, 85.7226

Protanopia

75.4589, 78.5308, 81.7019

Deuteranopia

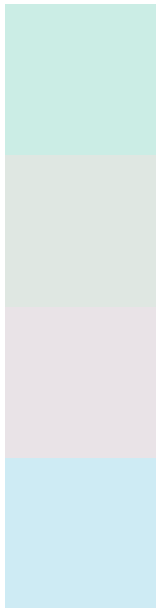
80.1111, 78.3927, 87.2529



Tritanopia

72.7256, 79.1393, 103.5378

Trichromacy



Original Color

69.0556, 78.9220, 85.7226

Protanomaly

72.7348, 78.3308, 83.2373

Deuteranomaly

75.4972, 78.0313, 86.6837

Tritanomaly

71.4911, 79.0701, 97.0820

Monochromacy



Original Color

69.0556, 78.9220, 85.7226

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.0754, 77.0451, 83.7982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0556, 78.9220, 85.7226 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(203, 237, 229)` looks like.

```
.text, #text, p{  
    color:rgb(203, 237, 229)  
}
```

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(203, 237, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 237, 229) }
```

Border

The CSS property to change the border of an element to XYZ 69.0556, 78.9220, 85.7226 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(203, 237, 229) }
```


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

```
.border{ border-color:rgb(203, 237, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 237, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 237, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 237, 229);  
box-shadow:4px 4px 4px 4px rgb(203, 237,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0556, 78.9220, 85.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 237, 229) }
```

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

```
.background{ background-color: rgb(203,  
237, 229) }
```

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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