

Converting Colors

YIQ(219.9940, -27.3670,
-27.1670)

Have a look what the booklet for
YIQ(219.9940, -27.3670, -27.1670)
contains.

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Color

**YIQ(219.9940, -27.3670,
-27.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F5CC
RGB	177, 245, 204
RGB Percent	69%, 96%, 80%
CMY	0.3061, 0.0391, 0.2001
CMYK	0.28, 0.00, 0.17, 0.04
HSL	144°, 77%, 83%
HSV	144°, 28%, 96%
XYZ	61.6783, 79.0222, 69.1164
YIQ	219.9940, -27.3670, -27.1670

Conversions

Conversions Part 2

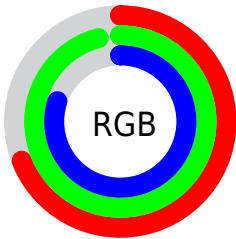
Format	Color
RYB	177, 226, 245
Decimal	11662796
CIELab	91.24, -29.38, 13.02
CIELCh	91, 32.135, 156.100
Yxy	79.0222, 0.2940, 0.3766
Android (android.graphics.Color)	4289852876 (0xFFB1F5CC)
YUV	219.9940, -7.8850, -37.7057
Hunter-Lab	88.8945, -31.7152, 16.1275

Details

The YIQ color **219.9940, -27.3670, -27.1670** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202.0060, 27.3670, 27.1670**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, -12.5160, -4.4520**, and **164.2330, -26.5420, -25.5980** is the 20% darker color. If you saturate the color by 10%, you get **210.8090, -37.4520, -37.1320**, and if you desaturate by 10%, it is **228.8800, -17.8780, -17.4140**.

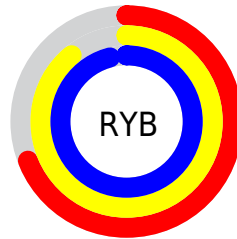
Distribution



Red (69%)

Green (96%)

Blue (80%)



Red (69%)

Yellow (89%)

Blue (96%)

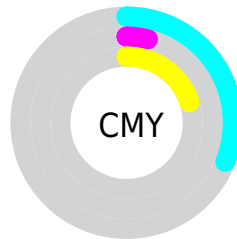


Cyan (28%)

Magenta (0%)

Yellow (17%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.9940, -27.3670, -27.1670 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 YIQ color 219.9940, -27.3670, -27.1670 by changing the saturation by 10% instead.

■ 219.9940,
-27.3670, -27.1670

■ 219.9940,
-27.3670, -27.1670

255.0000, -0.0000,
-0.0000

■ 191.5210,
-27.4130, -26.3330

■ 248.7210,
-12.5160, -4.4520

■ 164.2330,
-26.5420, -25.5980

■ 137.3470,
-26.8630, -25.2870

■ 111.4610,
-27.1840, -24.9760

■ 85.6890, -27.8260,
-24.3540

■ 59.7210, -30.8520,
-24.5800

■ 39.3410, -26.7260,

-22.2620

■ 23.8050, -13.2930,
-17.9090

■ 5.2830, -2.4750,
-4.7070

■ 219.9940,
-27.3670, -27.1670

■ 219.9940,
-27.3670, -27.1670

■ 210.8090,
-37.4520, -37.1320

■ 228.8800,
-17.8780, -17.4140

■ 201.9230,
-46.9410, -46.8850

■ 238.0650, -7.7930,
-7.4490

■ 192.8520,
-57.3470, -56.5390

■ 246.8370, 2.0170,
1.9930

■ 183.9660,
-66.8360, -66.2920

■ 249.1300, 2.7500,
5.2300

■ 174.7810,
-76.9210, -76.2570

■ 165.8950,
-86.4100, -86.0100

■ 156.8240,
-96.8160, -95.6640

■ 154.8730,
-98.5120, -97.9680

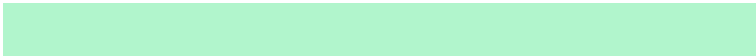
Harmonies

Analogous

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



224.0870, 3.1680, -24.3840



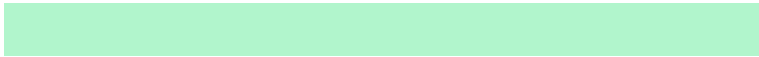
219.9940, -27.3670, -27.1670



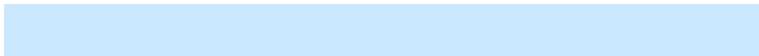
216.0310, -55.1520, -24.7200

Triad

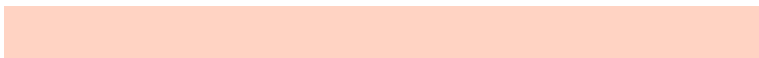
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219.9940, -27.3670, -27.1670



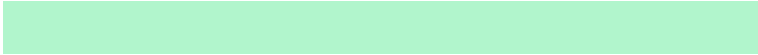
224.7660, -25.5840, 1.1040



222.3320, 31.3600, 4.3520

Complementary

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



219.9940, -27.3670, -27.1670



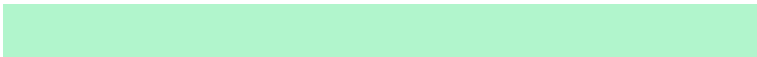
202.0060, 27.3670, 27.1670

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.



223.4040, 22.8300, 15.7740



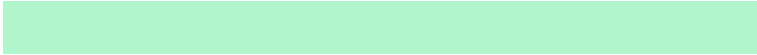
219.9940, -27.3670, -27.1670



230.8670, 2.4730, 15.7610

Square

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



219.9940, -27.3670, -27.1670



217.7900, -52.4950, -12.2950



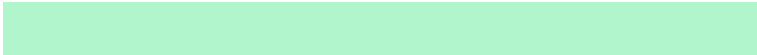
229.1720, 12.1000, 23.0120



225.2210, 35.6260, -6.8860

Rectangle

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



219.9940, -27.3670, -27.1670



215.3210, -67.5320, -20.6200



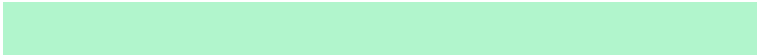
229.1720, 12.1000, 23.0120



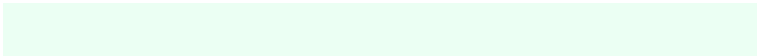
222.1840, 29.0210, 8.1970

Sweetspot

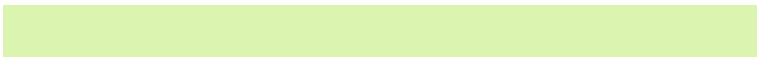
The Sweet Spot groups the original color and five complimentary colors.



219.9940, -27.3670, -27.1670



247.6520, -8.0680, -7.9720



229.4740, 6.3320, -26.6600



123.2010, -5.1800, -5.2440



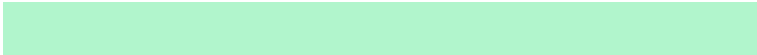
0.0000, 0.0000, 0.0000



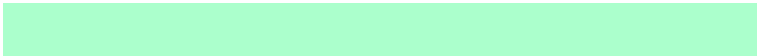
128.0000, -0.0000, -0.0000

Same Dimension

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



219.9940, -27.3670, -27.1670



224.0700, -33.6930, -33.6690



223.7560, -37.9600, -16.9040



117.6140, -4.9050, -4.7210



117.6180, -74.9040, -74.2640



37.2550, -23.6080, -23.7040

Inverse Universe

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



202.0060, 27.3670, 27.1670



201.9300, 33.6930, 33.6690



198.2440, 37.9600, 16.9040



114.5000, 4.5840, 5.0320



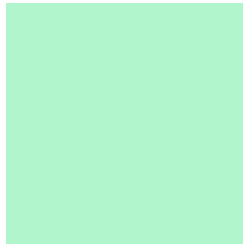
68.3820, 74.9040, 74.2640



21.6310, 23.9290, 23.3930

Previews

White Background



This preview shows how the YIQ color 219.9940, -27.3670, -27.1670 looks on a white background.

Color Contrast Check

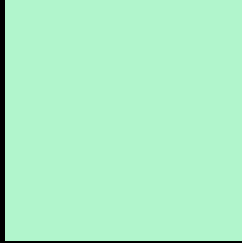
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 219.9940, -27.3670, -27.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

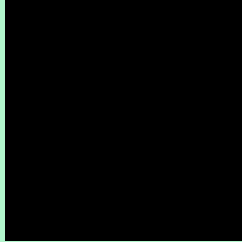
Any Text WCAG AA ✓ Pass

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](#).

YIQ 219.9940, -27.3670, -27.1670 Background



This preview shows how black text looks on a background with the YIQ color 219.9940, -27.3670, -27.1670.



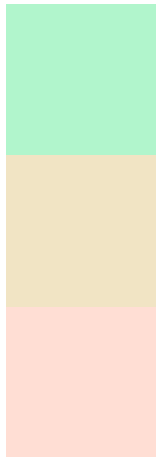
This preview shows how white text looks on a background with the YIQ color 219.9940, -27.3670, -27.1670.

-27.1670.

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

219.9940, -27.3670, -27.1670

Protanopia

228.2390, 18.0200, -7.1960

Deuteranopia

230.7270, 22.8780, 3.8860



Tritanopia

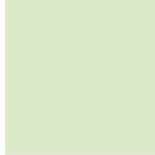
224.9990, -33.7900, -4.3660

Trichromacy



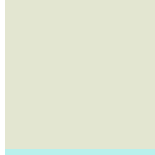
Original Color

219.9940, -27.3670, -27.1670



Protanomaly

225.2260, 1.6990, -14.2770



Deuteranomaly

226.7090, 4.9530, -7.1670



Tritanomaly

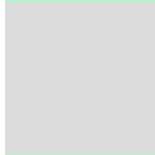
223.0990, -31.4960, -12.9040

Monochromacy



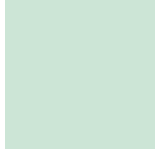
Original Color

219.9940, -27.3670, -27.1670



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

219.8150, -10.0850, -9.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9940, -27.3670, -27.1670 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(177, 245, 204)` looks like.

```
.text, #text, p{  
    color:rgb(177, 245, 204)  
}
```

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(177, 245, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 245, 204) }
```

Border

The CSS property to change the border of an element to YIQ 219.9940, -27.3670, -27.1670 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(177, 245, 204) }
```


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

```
.border{ border-color:rgb(177, 245, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 245, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 245, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 245, 204);  
box-shadow:4px 4px 4px 4px rgb(177, 245,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9940, -27.3670, -27.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 245, 204) }
```

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

```
.background{ background-color: rgb(177,  
245, 204) }
```

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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