Converting Colors

RGB(222, 247, 246)

Have a look what the booklet for RGB(222, 247, 246) contains.

Color

RGB(222, 247, 246)

Conversions

Conversions Part 1

Format	Color
Hex	DEF7F6
RGB	222, 247, 246
RGB Percent	87%, 97%, 96%
CMY	0.1294, 0.0314, 0.0353
CMYK	0.10, 0.00, 0.00, 0.03
HSL	178°, 61%, 92%
HSV	178°, 10%, 97%
XYZ	80.0195, 88.7049, 100.0931
YIQ	239.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

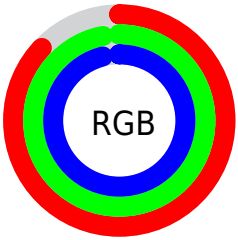
Format	Color
RYB	222, 235, 247
Decimal	14612470
CIELab	95.46, -8.29, -2.30
CIELCh	95, 8.607, 195.494
Yxy	88.7049, 0.2977, 0.3300
Android (android.graphics.Color)	4292802550 (0xFFDEF7F6)
YUV	239.4110, 3.2484, -15.2694
Hunter-Lab	94.1833, -13.1646, 2.9180

Details

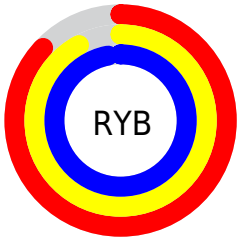
The RGB color 222, 247, 246 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 247, 222, 223, and the grayscale version is 239, 239, 239.

A 20% lighter version of the original color is 255, 255, 255, and 167, 191, 190 is the 20% darker color. If you saturate the color by 10%, you get 197, 247, 245, and if you desaturate by 10%, it is 247, 247, 247.

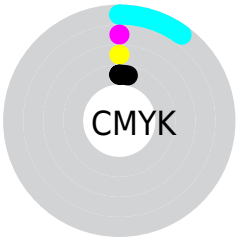
Distribution



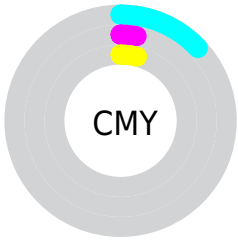
- Red (87%)
- Green (97%)
- Blue (96%)



- Red (87%)
- Yellow (92%)
- Blue (97%)



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



- Cyan (13%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 247, 246 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 RGB color 222, 247, 246 by changing the saturation by 10% instead.

222, 247, 246	222, 247, 246
255, 255, 255	194, 218, 218
	167, 191, 190
	140, 164, 163
	115, 137, 136
	90, 112, 111
	66, 87, 87
	43, 64, 64
	22, 42, 42
	0, 22, 21

222, 247, 246	222, 247, 246
197, 247, 245	247, 247, 247
173, 247, 244	255, 247, 248
148, 247, 243	255, 247, 249
123, 247, 242	255, 247, 250
99, 247, 241	255, 247, 251
74, 247, 240	255, 247, 252
49, 247, 239	255, 247, 253
24, 247, 238	255, 247, 254
0, 247, 237	255, 247, 255

Harmonies

Analogous

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

226, 247, 237

222, 247, 246

223, 246, 253

Triad

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

222, 247, 246

249, 239, 254

253, 240, 226

Complementary

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

222, 247, 246

247, 222, 223

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.

255, 238, 230

222, 247, 246

255, 237, 246

Square

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

222, 247, 246

239, 241, 255

255, 236, 238

244, 243, 226

Rectangle

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

222, 247, 246

227, 245, 255

255, 236, 238

255, 239, 227

Sweetspot

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

222, 247, 246

247, 255, 255

223, 247, 222

122, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

222, 247, 246

224, 255, 254

222, 236, 247

110, 122, 122

0, 186, 179

0, 59, 56

Inverse Universe

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

247, 222, 223

255, 224, 226

247, 233, 222

122, 110, 111

186, 0, 7

59, 0, 2

Previews

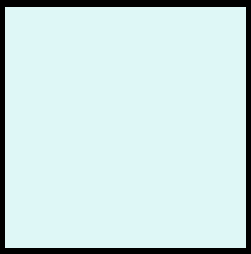
White Background

This preview shows how the RGB color 222, 247, 246 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



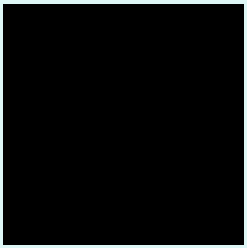
This preview shows how the RGB color 222, 247, 246 looks on a black background.

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.

RGB 222, 247, 246 Background



This preview shows how black text looks on a background with the RGB color 222, 247, 246.

This preview shows how white text looks on a background with the RGB color 222, 247, 246.

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
222, 247, 246

Protanopia
245, 240, 242

Deuteranopia
255, 237, 246

Tritanopia
232, 243, 255

Trichromacy

Original Color
222, 247, 246

Protanomaly
237, 243, 243

Deuteranomaly
243, 241, 246

Tritanomaly
228, 244, 252

Monochromacy

Original Color
222, 247, 246

Achromatopsia
239, 239, 239

Achromatomaly
233, 242, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 247, 246 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(222, 247, 246) looks like.

```
.text, #text, p{
    color:rgb(222, 247, 246)
}
```

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(222, 247, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 247, 246) }
```

Border

The CSS property to change the border of an element to RGB 222, 247, 246 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(222, 247, 246) }
```

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

```
.border{ border-color:rgb(222, 247, 246) }
```

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

Here you see how a box with a 4 pixel rgb(222, 247, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 247, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 247, 246); box-shadow:4px 4px 4px 4px rgb(222, 247, 246) }
```

Background

The CSS property to change the background color of an element to RGB 222, 247, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(222, 247, 246) }
```

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

```
.background{ background-color:rgb(222,
247, 246) }
```

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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