Converting Colors

RGB(212, 247, 226)

Have a look what the booklet for RGB(212, 247, 226) contains.

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Color

RGB(212, 247, 226)

Conversions

Conversions Part 1

Format	Color
Hex	D4F7E2
RGB	212, 247, 226
RGB Percent	83%, 97%, 89%
CMY	0.1686, 0.0314, 0.1137
CMYK	0.14, 0.00, 0.09, 0.03
HSL	144°, 69%, 90%
HSV	144°, 14%, 97%
XYZ	74.1396, 86.0096, 84.6454
YIQ	234.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

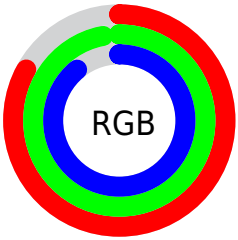
Format	Color
RYB	212, 237, 247
Decimal	13957090
CIELab	94.32, -15.24, 6.30
CIELCh	94, 16.490, 157.530
Yxy	86.0096, 0.3029, 0.3514
Android (android.graphics.Color)	4292147170 (0xFFD4F7E2)
YUV	234.1410, -4.0135, -19.4177
Hunter-Lab	92.7413, -19.6003, 10.8047

Details

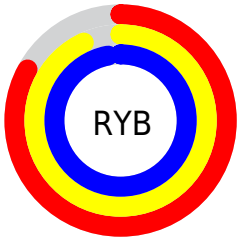
The RGB color 212, 247, 226 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 247, 212, 233, and the grayscale version is 234, 234, 234.

A 20% lighter version of the original color is 255, 255, 255, and 157, 191, 171 is the 20% darker color. If you saturate the color by 10%, you get 187, 247, 211, and if you desaturate by 10%, it is 237, 247, 241.

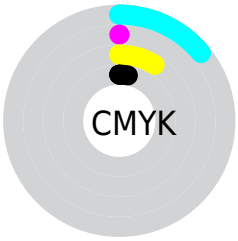
Distribution



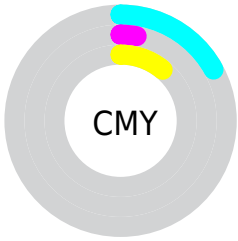
- Red (83%)
- Green (97%)
- Blue (89%)



- Red (83%)
- Yellow (93%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 247, 226 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 212, 247, 226 by changing the saturation by 10% instead.

212, 247, 226

255, 255, 255

212, 247, 226

184, 218, 198

157, 191, 171

131, 163, 144

105, 137, 119

81, 112, 94

57, 87, 70

35, 64, 48

13, 42, 27

0, 22, 0

212, 247, 226

187, 247, 211

163, 247, 196

138, 247, 182

113, 247, 167

89, 247, 152

64, 247, 137

39, 247, 122

14, 247, 107

0, 247, 99

212, 247, 226

237, 247, 241

255, 247, 255

Harmonies

Analogous

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

229, 244, 213

212, 247, 226

200, 248, 242

Triad

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

212, 247, 226

227, 239, 255

255, 229, 220

Complementary

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

212, 247, 226

247, 212, 233

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, 228, 235

212, 247, 226

247, 233, 255

Square

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

212, 247, 226

209, 244, 255

255, 229, 251

255, 234, 210

Rectangle

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

212, 247, 226

198, 248, 253

255, 229, 251

255, 229, 225

Sweetspot

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

212, 247, 226

245, 255, 249

233, 247, 212

121, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

212, 247, 226

212, 255, 229

212, 247, 243

110, 122, 115

0, 186, 74

0, 59, 23

Inverse Universe

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

247, 212, 233

255, 212, 238

247, 212, 216

122, 110, 118

186, 0, 112

59, 0, 35

Previews

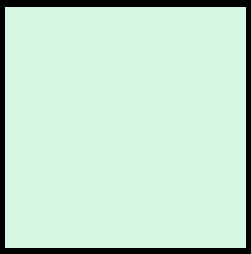
White Background

This preview shows how the RGB color 212, 247, 226 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



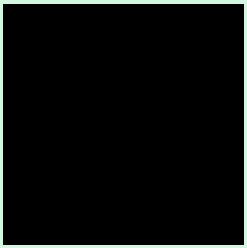
This preview shows how the RGB color 212, 247, 226 looks on a black background.

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 212, 247, 226 Background



This preview shows how black text looks on a background with the RGB color 212, 247, 226.

This preview shows how white text looks on a background with the RGB color 212, 247, 226.

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
212, 247, 226

Protanopia
247, 237, 221

Deuteranopia
255, 233, 233

Tritanopia
224, 241, 255

Trichromacy

Original Color
212, 247, 226

Protanomaly
234, 241, 223

Deuteranomaly
239, 238, 230

Tritanomaly
220, 243, 244

Monochromacy

Original Color
212, 247, 226

Achromatopsia
234, 234, 234

Achromatomaly
226, 239, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 247, 226 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(212, 247, 226) looks like.

```
.text, #text, p{
    color:rgb(212, 247, 226)
}
```

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(212, 247, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 247, 226) }
```

Border

The CSS property to change the border of an element to RGB 212, 247, 226 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(212, 247, 226) }
```

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

```
.border{ border-color:rgb(212, 247, 226) }
```

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

Here you see how a box with a 4 pixel rgb(212, 247, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 247, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 247, 226); box-shadow:4px 4px 4px 4px rgb(212, 247, 226) }
```

Background

The CSS property to change the background color of an element to RGB 212, 247, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(212, 247, 226) }
```

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

```
.background{ background-color:rgb(212,
247, 226) }
```

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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