Converting Colors

RGB(212, 255, 218)

Have a look what the booklet for RGB(212, 255, 218) contains.

Color

RGB(212, 255, 218)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFDA
RGB	212, 255, 218
RGB Percent	83%, 100%, 85%
CMY	0.1686, 0.0000, 0.1451
CMYK	0.17, 0.00, 0.15, 0.00
HSL	128°, 100%, 92%
HSV	128°, 17%, 100%
XYZ	75.5663, 90.5790, 79.8304
YIQ	237.9250, -13.7510, -20.6230

Conversions

Conversions Part 2

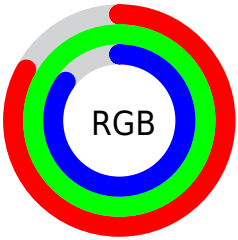
Format	Color
RYB	212, 250, 255
Decimal	13959130
CIELab	96.24, -20.58, 13.17
CIELCh	96, 24.432, 147.387
Yxy	90.5790, 0.3072, 0.3682
Android (android.graphics.Color)	4292149210 (0xFFD4FFDA)
YUV	237.9250, -9.8230, -22.7362
Hunter-Lab	95.1730, -24.8258, 16.8891

Details

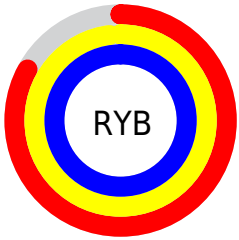
The RGB color 212, 255, 218 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 255, 212, 249, and the grayscale version is 238, 238, 238.

A 20% lighter version of the original color is 255, 255, 255, and 157, 198, 163 is the 20% darker color. If you saturate the color by 10%, you get 187, 255, 196, and if you desaturate by 10%, it is 238, 255, 240.

Distribution

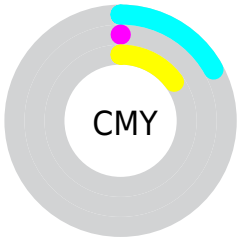


- Red (83%)
- Green (100%)
- Blue (85%)



- Red (83%)
- Yellow (98%)
- Blue (100%)

- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 255, 218 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, 255, 218 by changing the saturation by 10% instead.

212, 255, 218

255, 255, 255

212, 255, 218

184, 226, 190

157, 198, 163

130, 171, 137

105, 144, 111

80, 118, 87

56, 94, 63

33, 70, 41

9, 47, 21

0, 28, 0

212, 255, 218

187, 255, 196

161, 255, 174

136, 255, 152

110, 255, 130

85, 255, 108

59, 255, 86

33, 255, 64

8, 255, 42

0, 255, 36

212, 255, 218

238, 255, 240

255, 255, 255

Harmonies

Analogous

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

239, 249, 202

212, 255, 218

190, 255, 241

Triad

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

212, 255, 218

215, 247, 255

255, 229, 223

Complementary

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

212, 255, 218

255, 212, 249

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, 247

212, 255, 218

246, 239, 255

Square

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

212, 255, 218

189, 253, 255

255, 232, 255

255, 234, 205

Rectangle

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

212, 255, 218

181, 255, 255

255, 232, 255

255, 228, 231

Sweetspot

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

212, 255, 218

242, 255, 244

249, 255, 212

120, 128, 121

0, 0, 0

128, 128, 128

Same Dimension

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

212, 255, 218

204, 255, 211

212, 255, 239

115, 128, 117

0, 191, 27

0, 64, 9

Inverse Universe

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

255, 212, 249

255, 204, 248

255, 212, 228

128, 115, 126

191, 0, 165

64, 0, 55

Previews

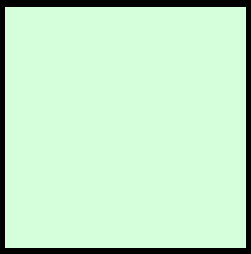
White Background

This preview shows how the RGB color 212, 255, 218 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



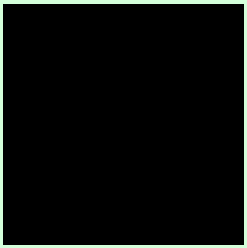
This preview shows how the RGB color 212, 255, 218 looks on a black background.

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, 255, 218 Background



This preview shows how black text looks on a background with the RGB color 212, 255, 218.

This preview shows how white text looks on a background with the RGB color 212, 255, 218.

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, 255, 218

Protanopia
255, 243, 213

Deuteranopia
255, 241, 237

Tritanopia
233, 246, 255

Trichromacy

Original Color
212, 255, 218

Protanomaly
239, 247, 215

Deuteranomaly
239, 246, 230

Tritanomaly
225, 249, 242

Monochromacy

Original Color
212, 255, 218

Achromatopsia
238, 238, 238

Achromatomaly
229, 244, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 255, 218 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, 255, 218) looks like.

```
.text, #text, p{
    color:rgb(212, 255, 218)
}
```

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, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 218) }
```

Border

The CSS property to change the border of an element to RGB 212, 255, 218 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, 255, 218) }
```

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

```
.border{ border-color:rgb(212, 255, 218) }
```

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

Here you see how a box with a 4 pixel rgb(212, 255, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 255, 218); box-shadow:4px 4px 4px 4px rgb(212, 255, 218) }
```

Background

The CSS property to change the background color of an element to RGB 212, 255, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(212, 255, 218) }
```

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

```
.background{ background-color:rgb(212,
255, 218) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor