Converting Colors

RGB(219, 255, 234)

Have a look what the booklet for RGB(219, 255, 234) contains.

Color

RGB(219, 255, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFEA
RGB	219, 255, 234
RGB Percent	86%, 100%, 92%
CMY	0.1412, 0.0000, 0.0824
CMYK	0.14, 0.00, 0.08, 0.00
HSL	145°, 100%, 93%
HSV	145°, 14%, 100%
XYZ	79.8247, 92.5206, 91.4930
YIQ	241.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

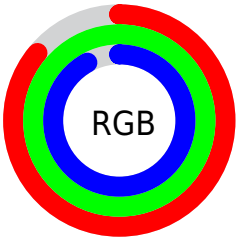
Format	Color
RYB	219, 244, 255
Decimal	14417898
CIELab	97.03, -15.47, 6.15
CIELCh	97, 16.649, 158.304
Yxy	92.5206, 0.3026, 0.3507
Android (android.graphics.Color)	4292607978 (0xFFDBFFEA)
YUV	241.8420, -3.8661, -20.0324
Hunter-Lab	96.1876, -20.1938, 10.9351

Details

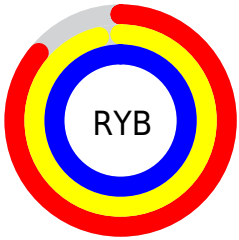
The RGB color 219, 255, 234 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 255, 219, 240, and the grayscale version is 242, 242, 242.

A 20% lighter version of the original color is 255, 255, 255, and 164, 198, 178 is the 20% darker color. If you saturate the color by 10%, you get 194, 255, 219, and if you desaturate by 10%, it is 244, 255, 249.

Distribution

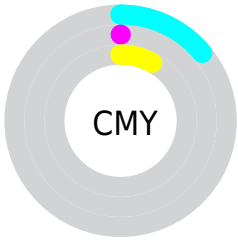


- Red (86%)
- Green (100%)
- Blue (92%)



- Red (86%)
- Yellow (96%)
- Blue (100%)

- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 255, 234 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 219, 255, 234 by changing the saturation by 10% instead.

219, 255, 234

255, 255, 255

219, 255, 234

191, 226, 206

164, 198, 178

137, 171, 152

112, 144, 126

87, 119, 101

63, 94, 77

40, 70, 54

18, 48, 33

0, 27, 10

219, 255, 234

194, 255, 219

168, 255, 204

143, 255, 189

117, 255, 175

91, 255, 160

66, 255, 145

40, 255, 130

15, 255, 115

0, 255, 106

219, 255, 234

244, 255, 249

255, 255, 255

Harmonies

Analogous

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

236, 252, 221

219, 255, 234

207, 255, 250

Triad

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

219, 255, 234

235, 246, 255

255, 237, 227

Complementary

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

219, 255, 234

255, 219, 240

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, 235, 242

219, 255, 234

255, 241, 255

Square

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

219, 255, 234

216, 251, 255

255, 237, 255

255, 241, 217

Rectangle

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

219, 255, 234

205, 255, 255

255, 237, 255

255, 236, 232

Sweetspot

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

219, 255, 234

245, 255, 249

240, 255, 219

121, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

219, 255, 234

212, 255, 230

219, 255, 252

115, 128, 120

0, 191, 80

0, 64, 27

Inverse Universe

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

255, 219, 240

255, 212, 237

255, 219, 222

128, 115, 122

191, 0, 112

64, 0, 37

Previews

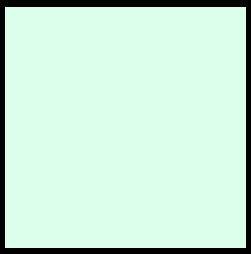
White Background

This preview shows how the RGB color 219, 255, 234 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



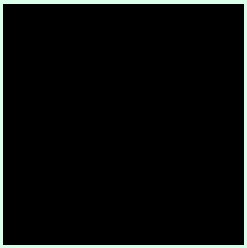
This preview shows how the RGB color 219, 255, 234 looks on a black background.

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 219, 255, 234 Background



This preview shows how black text looks on a background with the RGB color 219, 255, 234.

This preview shows how white text looks on a background with the RGB color 219, 255, 234.

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, 255, 234

Protanopia
254, 245, 229

Deuteranopia
255, 243, 243

Tritanopia
239, 247, 255

Trichromacy

Original Color
219, 255, 234

Protanomaly
241, 249, 231

Deuteranomaly
242, 247, 240

Tritanomaly
232, 250, 247

Monochromacy

Original Color
219, 255, 234

Achromatopsia
242, 242, 242

Achromatomaly
234, 247, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 255, 234 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(219, 255, 234) looks like.

```
.text, #text, p{
    color:rgb(219, 255, 234)
}
```

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(219, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 234) }
```

Border

The CSS property to change the border of an element to RGB 219, 255, 234 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(219, 255, 234) }
```

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

```
.border{ border-color:rgb(219, 255, 234) }
```

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

Here you see how a box with a 4 pixel rgb(219, 255, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 255, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 255, 234); box-shadow:4px 4px 4px 4px rgb(219, 255, 234) }
```

Background

The CSS property to change the background color of an element to RGB 219, 255, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(219, 255, 234) }
```

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

```
.background{ background-color:rgb(219,
255, 234) }
```

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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