

Converting Colors

RGB(214, 251, 232)

Have a look what the booklet for
RGB(214, 251, 232) contains.

RGB(214, 251, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(214, 251, 232)

Conversions

Conversions Part 1

Format	Color
Hex	D6FBE8
RGB	214, 251, 232
RGB Percent	84%, 98%, 91%
CMY	0.1608, 0.0157, 0.0902
CMYK	0.15, 0.00, 0.08, 0.02
HSL	149°, 82%, 91%
HSV	149°, 15%, 98%
XYZ	76.7942, 89.1167, 89.4977
YIQ	237.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

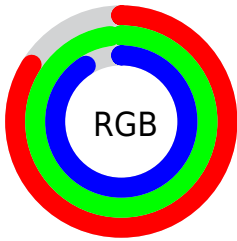
Format	Color
R_{YB}	214, 239, 251
Decimal	14089192
CIE _{Lab}	95.63, -15.47, 5.12
CIE _{LCh}	96, 16.291, 161.694
Y _{xy}	89.1167, 0.3007, 0.3489
Android (android.graphics.Color)	4292279272 (0xFFD6FBE8)
YUV	237.7710, -2.8451, -20.8472
Hunter-Lab	94.4016, -19.9960, 9.8711

Details

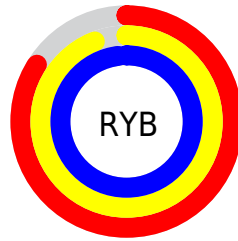
The RGB color **214, 251, 232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **251, 214, 233**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 194, 176** is the 20% darker color. If you saturate the color by 10%, you get **189, 251, 219**, and if you desaturate by 10%, it is **239, 251, 245**.

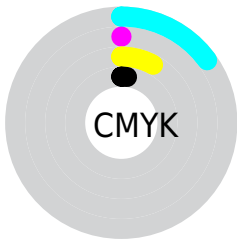
Distribution



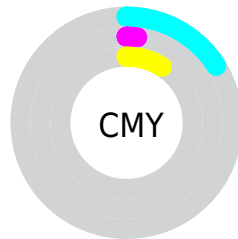
- Red (84%)
- Green (98%)
- Blue (91%)



- Red (84%)
- Yellow (94%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (16%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 251, 232 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 214, 251, 232 by changing the saturation by 10% instead.

214, 251, 232

255, 255, 255

214, 251, 232

186, 222, 204

159, 194, 176

133, 167, 150

107, 141, 124

82, 115, 99

59, 90, 75

36, 67, 53

13, 44, 31

0, 25, 7

 214, 251, 232

 214, 251, 232

 189, 251, 219

 239, 251, 245

 164, 251, 206

 255, 251, 255

 139, 251, 193

 114, 251, 180

 89, 251, 168

 63, 251, 155

 38, 251, 142

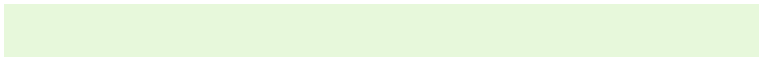
 13, 251, 129

 0, 251, 122

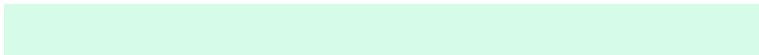
Harmonies

Analogous

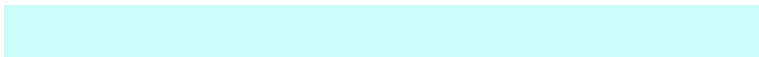
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231, 248, 219



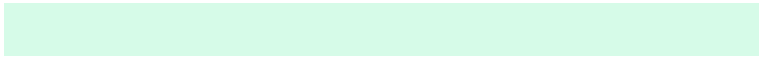
214, 251, 232



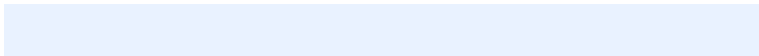
204, 252, 248

Triad

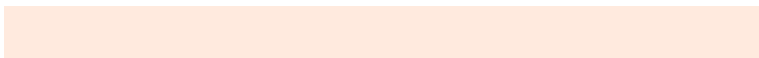
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 251, 232



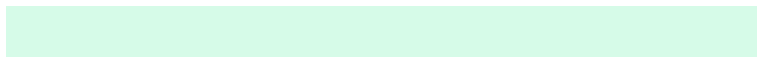
233, 242, 255



255, 234, 222

Complementary

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



214, 251, 232



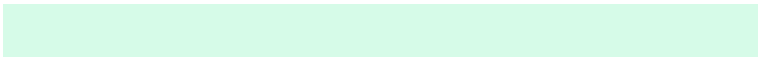
251, 214, 233

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, 232, 237



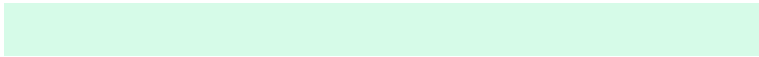
214, 251, 232



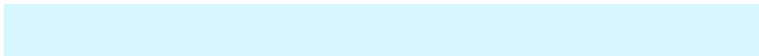
253, 236, 255

Square

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



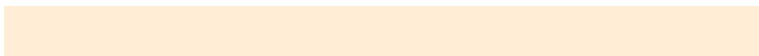
214, 251, 232



215, 247, 255



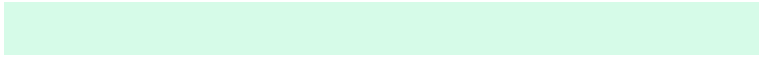
255, 233, 253



255, 238, 213

Rectangle

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



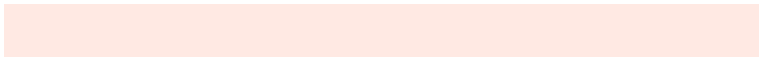
214, 251, 232



202, 251, 255



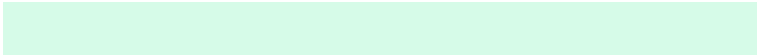
255, 233, 253



255, 233, 227

Sweetspot

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



214, 251, 232



245, 255, 250



233, 251, 214



121, 128, 124



0, 0, 0



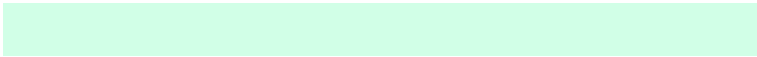
128, 128, 128

Same Dimension

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



214, 251, 232



209, 255, 231



214, 251, 250



112, 125, 119



0, 189, 92



0, 61, 30

Inverse Universe

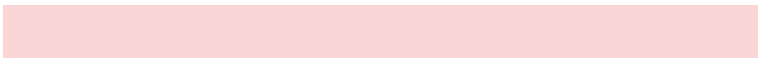
The Inverse Universe completely reimagines the original color for something new.



251, 214, 233



255, 209, 233



251, 214, 215



125, 112, 119



189, 0, 97



61, 0, 31

Previews

White Background



This preview shows how the RGB color 214, 251, 232 looks on a white background.

Color Contrast Check

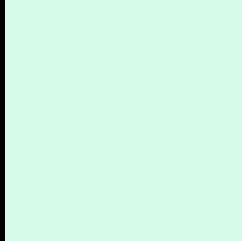
Large Text (above 18pt) WCAG AA × Fail

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 214, 251, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

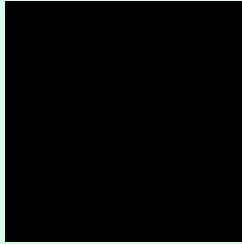
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

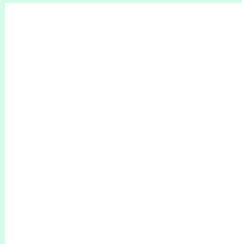
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 214, 251, 232 Background



This preview shows how black text looks on a background with the RGB color 214, 251, 232.



This preview shows how white text looks on a background with the RGB color 214, 251, 232.

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





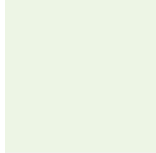
Tritanopia
230, 244, 255

Trichromacy



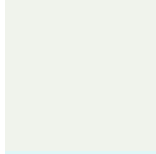
Original Color

214, 251, 232



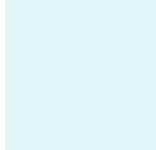
Protanomaly

237, 245, 229



Deuteranomaly

240, 243, 236



Tritanomaly

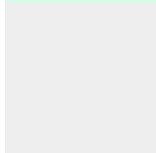
224, 247, 247

Monochromacy



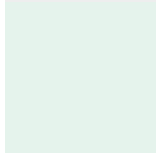
Original Color

214, 251, 232



Achromatopsia

238, 238, 238



Achromatomaly

229, 243, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 251, 232 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(214, 251, 232)` looks like.

```
.text, #text, p{  
    color:rgb(214, 251, 232)  
}
```

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(214, 251, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 251, 232) }
```

Border

The CSS property to change the border of an element to RGB 214, 251, 232 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(214, 251, 232) }
```

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

```
.border{ border-color:rgb(214, 251, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 251, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 251, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 251, 232);  
box-shadow:4px 4px 4px 4px rgb(214, 251,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 214, 251, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 251, 232) }
```

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

```
.background{ background-color: rgb(214,  
251, 232) }
```

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