

Converting Colors

`RYB(217, 239, 246)`

Have a look what the booklet for
RYB(217, 239, 246) contains.

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Color

R_YB(217, 239, 246)

Conversions

Conversions Part 1

Format	Color
Hex	D9F6E2
RGB	217, 246, 226
RGB Percent	85%, 96%, 89%
CMY	0.1490, 0.0353, 0.1128
CMYK	0.12, 0.00, 0.08, 0.04
HSL	139°, 62%, 91%
HSV	139°, 12%, 96%
XYZ	75.3297, 86.1667, 84.7767
YIQ	235.0490, -10.8640, -12.3680

Conversions

Conversions Part 2

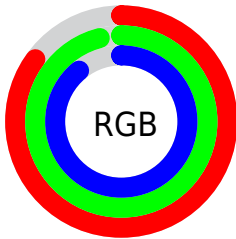
Format	Color
R_{YB}	217, 239, 246
Decimal	14284514
CIE _{Lab}	94.38, -13.08, 6.32
CIE _{LCh}	94, 14.526, 154.195
Y _{xy}	86.1667, 0.3059, 0.3499
Android (android.graphics.Color)	4292474594 (0xFFD9F6E2)
YUV	235.0490, -4.4612, -15.8290
Hunter-Lab	92.8260, -17.5901, 10.8295

Details

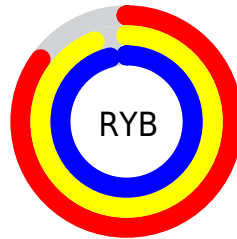
The RYB color **217, 239, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 217, 237**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 183, 190** is the 20% darker color. If you saturate the color by 10%, you get **192, 233, 246**, and if you desaturate by 10%, it is **242, 245, 246**.

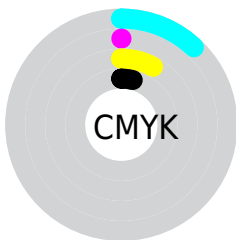
Distribution



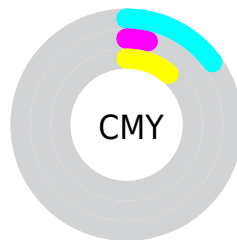
- Red (85%)
- Green (96%)
- Blue (89%)



- Red (85%)
- Yellow (94%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 239, 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 RYB color 217, 239, 246 by changing the saturation by 10% instead.

■ 217, 239, 246

255, 255, 255

■ 217, 239, 246

■ 189, 211, 218

■ 162, 183, 190

■ 136, 157, 163

■ 110, 129, 136

■ 85, 104, 111

■ 62, 80, 86

■ 39, 56, 63

■ 18, 35, 41

■ 0, 22, 22

 217, 239, 246

 217, 239, 246

 192, 233, 246

 242, 245, 246

 168, 227, 246


 255, 246, 255


 143, 221, 246

 119, 216, 246

 94, 210, 246

 69, 203, 246

 45, 197, 246

 20, 191, 246

 0, 187, 246

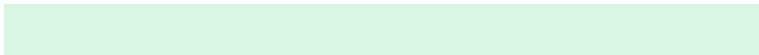
Harmonies

Analogous

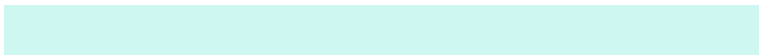
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215, 243, 226



217, 239, 246



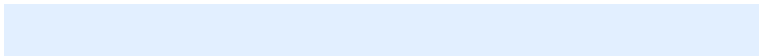
206, 228, 247

Triad

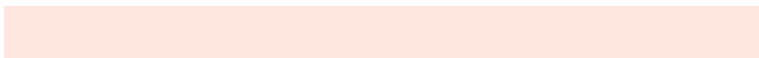
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 239, 246



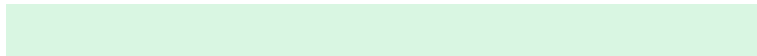
226, 235, 255



255, 233, 224

Complementary

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



217, 239, 246



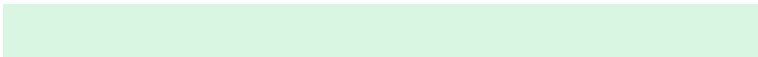
246, 217, 237

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, 229, 237



217, 239, 246



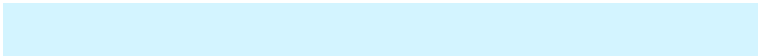
244, 235, 255

Square

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



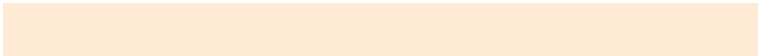
217, 239, 246



211, 230, 255



255, 231, 251



255, 253, 214

Rectangle

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



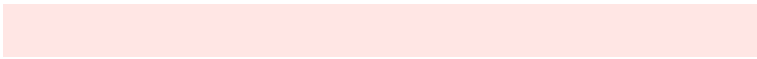
217, 239, 246



204, 226, 250



255, 231, 251



255, 230, 228

Sweetspot

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



217, 239, 246



245, 253, 255



217, 246, 226



121, 126, 128



0, 0, 0



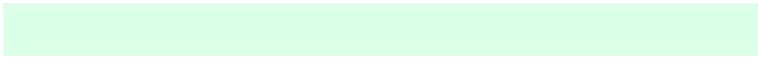
128, 128, 128

Same Dimension

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



217, 239, 246



219, 246, 255



217, 233, 246



110, 119, 122



0, 141, 186



0, 45, 59

Inverse Universe

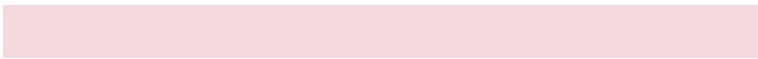
The Inverse Universe completely reimagines the original color for something new.



246, 217, 237



255, 219, 244



246, 217, 222



122, 110, 119



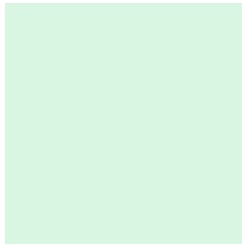
186, 0, 127



59, 0, 40

Previews

White Background



This preview shows how the RYB color 217, 239, 246 looks on a white background.

Color Contrast Check

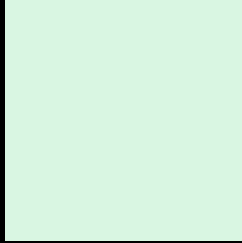
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 217, 239, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

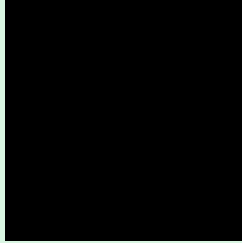
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

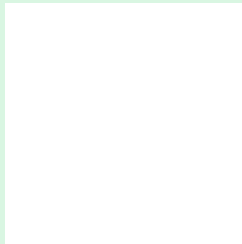
Any Text WCAG AAA ✓ Pass

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

RYB 217, 239, 246 Background



This preview shows how black text looks on a background with the RYB color 217, 239, 246.



This preview shows how white text looks on a background with the RYB color 217, 239, 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





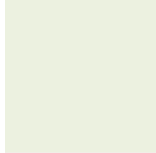
Tritanopia
227, 236, 255

Trichromacy



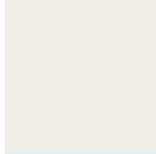
Original Color

217, 239, 246



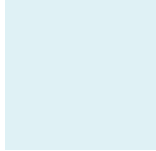
Protanomaly

224, 241, 229



Deuteranomaly

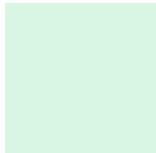
235, 241, 231



Tritanomaly

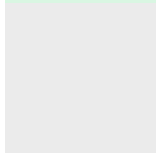
223, 233, 245

Monochromacy



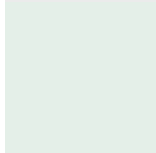
Original Color

217, 239, 246



Achromatopsia

235, 235, 235



Achromatomaly

228, 236, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 239, 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(217, 246, 226) looks like.

```
.text, #text, p{  
    color:rgb(217, 246, 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(217, 246, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 246, 226) }
```

Border

The CSS property to change the border of an element to RYB 217, 239, 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(217, 246, 226) }
```

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

```
.border{ border-color:rgb(217, 246, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 246, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 246, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 246, 226);  
box-shadow:4px 4px 4px 4px rgb(217, 246,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 217, 239, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 246, 226) }
```

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

```
.background{ background-color: rgb(217,  
246, 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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