

Converting Colors

RGB(222, 237, 249)

Have a look what the booklet for
RGB(222, 237, 249) contains.

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Color

RGB(222, 237, 249)

Conversions

Conversions Part 1

Format	Color
Hex	DEEDF9
RGB	222, 237, 249
RGB Percent	87%, 93%, 98%
CMY	0.1294, 0.0706, 0.0235
CMYK	0.11, 0.05, 0.00, 0.02
HSL	207°, 69%, 92%
HSV	207°, 11%, 98%
XYZ	77.5073, 82.9375, 101.5460
YIQ	233.8830, -12.7920, 0.5520

Conversions

Conversions Part 2

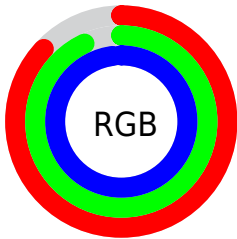
Format	Color
R _Y B	222, 232, 249
Decimal	14609913
CIE Lab	92.99, -2.64, -7.49
CIE LCh	93, 7.946, 250.583
Yxy	82.9375, 0.2958, 0.3166
Android (android.graphics.Color)	4292799993 (0xFFDEEDF9)
YUV	233.8830, 7.4527, -10.4214
Hunter-Lab	91.0700, -7.4560, -2.3612

Details

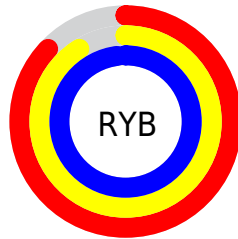
The RGB color **222, 237, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **249, 234, 222**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **167, 181, 193** is the 20% darker color. If you saturate the color by 10%, you get **197, 226, 249**, and if you desaturate by 10%, it is **247, 248, 249**.

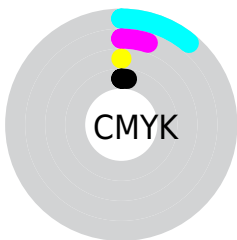
Distribution



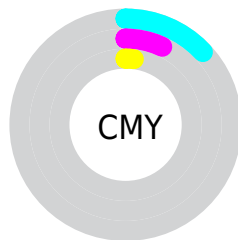
- Red (87%)
- Green (93%)
- Blue (98%)



- Red (87%)
- Yellow (91%)
- Blue (98%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 237, 249 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 222, 237, 249 by changing the saturation by 10% instead.

■ 222, 237, 249

255, 255, 255

■ 222, 237, 249

■ 194, 209, 220

■ 167, 181, 193

■ 140, 154, 165

■ 115, 128, 139

■ 90, 103, 114

■ 66, 79, 89

■ 44, 57, 66

■ 22, 35, 44

■ 0, 13, 23

■ 222, 237, 249

■ 222, 237, 249

■ 197, 226, 249

■ 247, 248, 249

■ 172, 215, 249

■ 255, 255, 249

■ 147, 204, 249

■ 122, 193, 249

■ 98, 182, 249

■ 73, 171, 249

■ 48, 160, 249

■ 23, 148, 249

■ 0, 138, 249

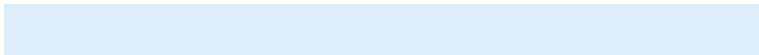
Harmonies

Analogous

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



217, 239, 244



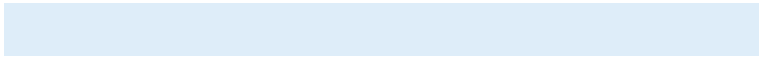
222, 237, 249



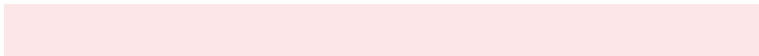
230, 235, 250

Triad

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



222, 237, 249



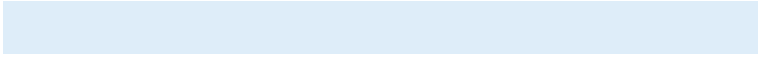
252, 230, 232



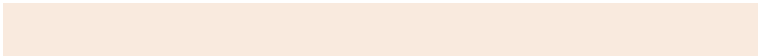
230, 237, 223

Complementary

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



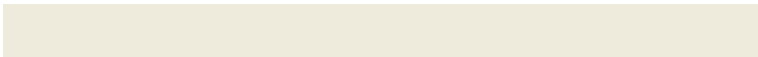
222, 237, 249



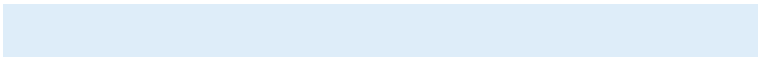
249, 234, 222

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.



239, 235, 220



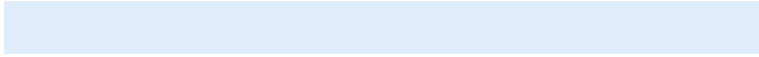
222, 237, 249



251, 231, 225

Square

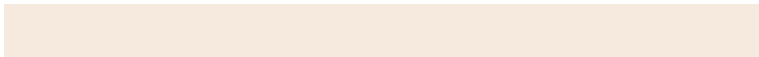
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



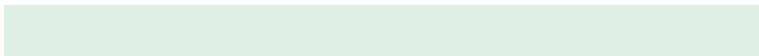
222, 237, 249



247, 230, 240



246, 233, 221



222, 239, 230

Rectangle

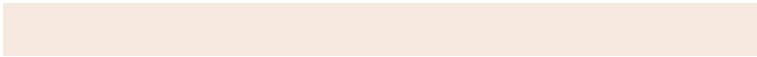
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222, 237, 249



237, 233, 248



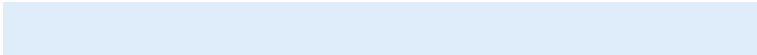
246, 233, 221



233, 237, 222

Sweetspot

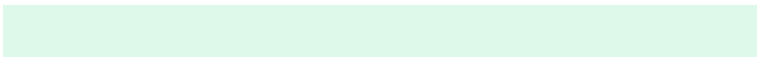
The Sweet Spot groups the original color and five complimentary colors.



222, 237, 249



247, 252, 255



222, 249, 234



122, 125, 128



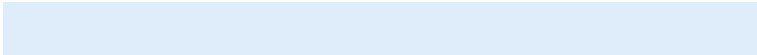
0, 0, 0



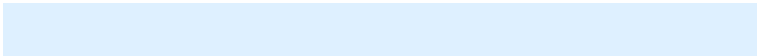
128, 128, 128

Same Dimension

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



222, 237, 249



222, 240, 255



222, 224, 249



112, 119, 125



0, 105, 189



0, 34, 61

Inverse Universe

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



249, 222, 237



255, 222, 240



249, 247, 222



125, 112, 119



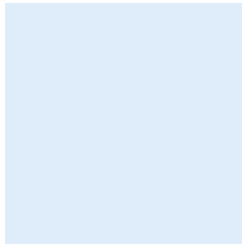
189, 0, 105



61, 0, 34

Previews

White Background



This preview shows how the RGB color 222, 237, 249 looks on a white background.

Color Contrast Check

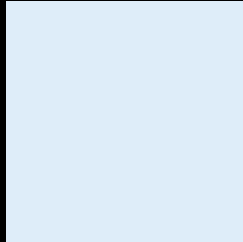
Large Text (above 18pt) WCAG AA × Fail

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 222, 237, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

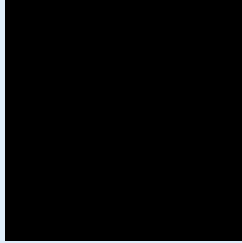
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

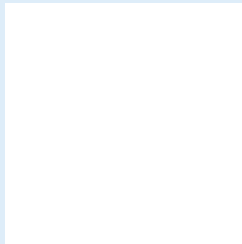
Any Text WCAG AAA ✓ Pass

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

RGB 222, 237, 249 Background



This preview shows how black text looks on a background with the RGB color 222, 237, 249.



This preview shows how white text looks on a background with the RGB color 222, 237, 249.

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

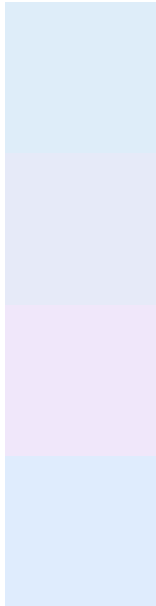
	Original Color 222, 237, 249
	Protanopia 235, 233, 247
	Deuteranopia 250, 228, 251



Tritanopia

223, 236, 255

Trichromacy



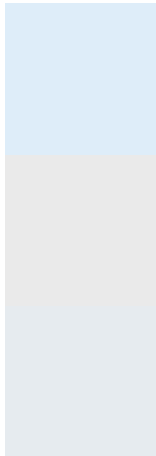
Original Color
222, 237, 249

Protanomaly
230, 234, 248

Deuteranomaly
240, 231, 250

Tritanomaly
223, 236, 253

Monochromacy



Original Color
222, 237, 249

Achromatopsia
234, 234, 234

Achromatomaly
230, 235, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 237, 249 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(222, 237, 249)` looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 249)  
}
```

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(222, 237, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 249) }
```

Border

The CSS property to change the border of an element to RGB 222, 237, 249 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(222, 237, 249) }
```

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

```
.border{ border-color:rgb(222, 237, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 237, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 249);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 222, 237, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 249) }
```

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

```
.background{ background-color: rgb(222,  
237, 249) }
```

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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