

Converting Colors

RGB(222, 237, 232)

Have a look what the booklet for
RGB(222, 237, 232) contains.

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Color

RGB(222, 237, 232)

Conversions

Conversions Part 1

Format	Color
Hex	DEEDE8
RGB	222, 237, 232
RGB Percent	87%, 93%, 91%
CMY	0.1294, 0.0706, 0.0902
CMYK	0.06, 0.00, 0.02, 0.07
HSL	160°, 29%, 90%
HSV	160°, 6%, 93%
XYZ	74.9739, 81.9242, 88.2053
YIQ	231.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

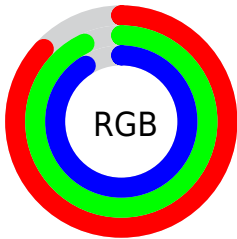
Format	Color
RYB	222, 231, 237
Decimal	14609896
CIELab	92.54, -5.87, 0.70
CIELCh	93, 5.908, 173.203
Yxy	81.9242, 0.3059, 0.3342
Android (android.graphics.Color)	4292799976 (0xFFDEEDE8)
YUV	231.9450, 0.0271, -8.7218
Hunter-Lab	90.5120, -10.5388, 5.5793

Details

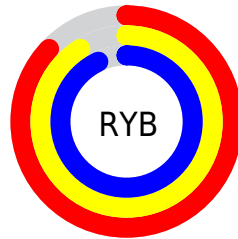
The RGB color **222, 237, 232** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237, 222, 227**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **167, 181, 176** is the 20% darker color. If you saturate the color by 10%, you get **198, 237, 224**, and if you desaturate by 10%, it is **246, 237, 240**.

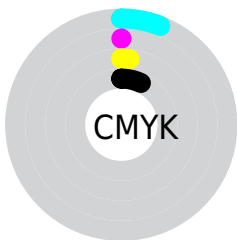
Distribution



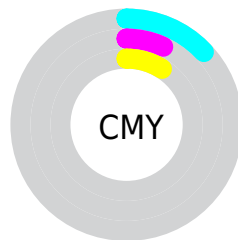
- Red (87%)
- Green (93%)
- Blue (91%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 237, 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 222, 237, 232 by changing the saturation by 10% instead.

■ 222, 237, 232

255, 255, 255

■ 222, 237, 232

■ 194, 209, 204

■ 167, 181, 176

■ 140, 154, 150

■ 115, 128, 124

■ 90, 103, 99

■ 67, 79, 75

■ 45, 56, 53

■ 24, 35, 31

■ 0, 13, 7

 222, 237, 232

 222, 237, 232

 198, 237, 224

 246, 237, 240

 175, 237, 216

 255, 237, 248

 151, 237, 208

 255, 237, 255

 127, 237, 200

 103, 237, 192

 80, 237, 185

 56, 237, 177

 32, 237, 169

 9, 237, 161

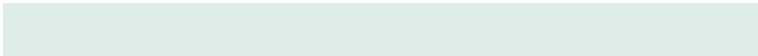
Harmonies

Analogous

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



227, 236, 227



222, 237, 232



220, 237, 238

Triad

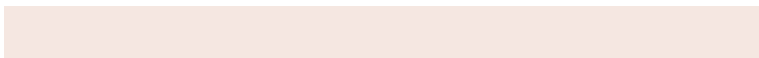
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 237, 232



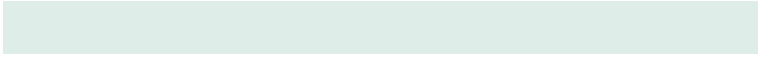
233, 233, 244



245, 231, 225

Complementary

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



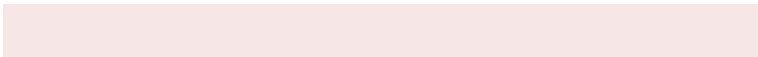
222, 237, 232



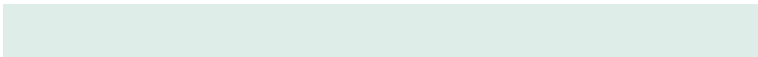
237, 222, 227

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.



246, 230, 229



222, 237, 232



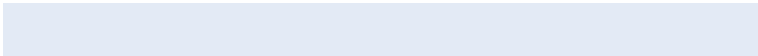
240, 231, 240

Square

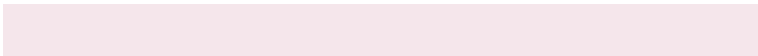
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



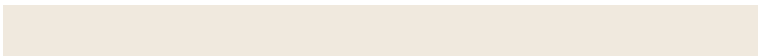
222, 237, 232



227, 234, 245



245, 230, 235



240, 233, 222

Rectangle

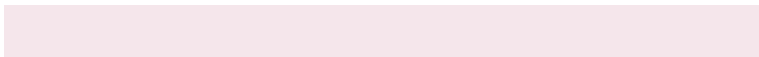
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



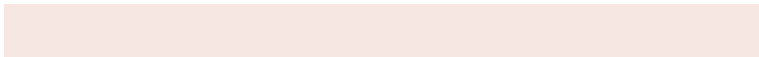
222, 237, 232



221, 236, 241



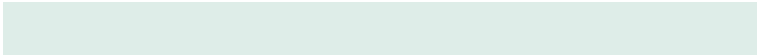
245, 230, 235



246, 231, 226

Sweetspot

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



222, 237, 232



250, 255, 253



227, 237, 222



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

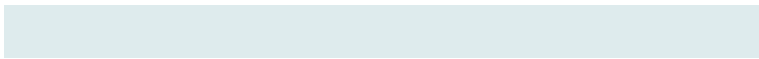
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222, 237, 232



235, 255, 248



222, 235, 237



106, 117, 113



0, 181, 121



0, 54, 36

Inverse Universe

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



237, 222, 227



255, 235, 241



237, 224, 222



117, 106, 109



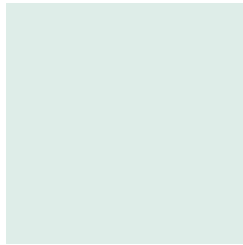
181, 0, 60



54, 0, 18

Previews

White Background



This preview shows how the RGB color 222, 237, 232 looks on a white background.

Color Contrast Check

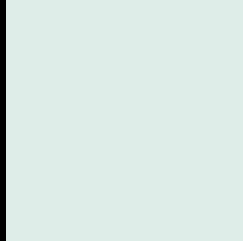
Large Text (above 18pt) WCAG AA × Fail

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 222, 237, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

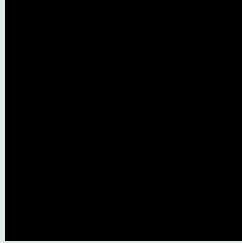
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

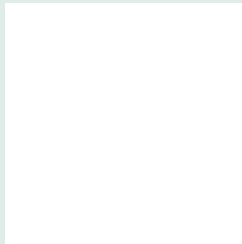
Any Text WCAG AAA ✓ Pass

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

RGB 222, 237, 232 Background



This preview shows how black text looks on a background with the RGB color 222, 237, 232.

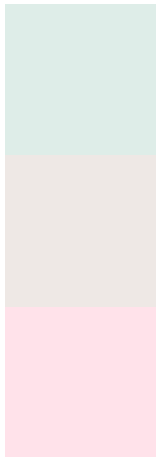


This preview shows how white text looks on a background with the RGB color 222, 237, 232.

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



Original Color
222, 237, 232

Protanopia
238, 232, 229

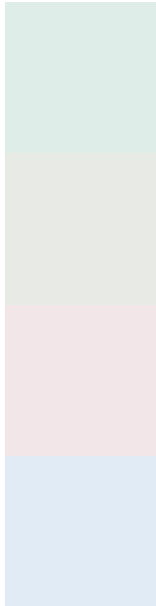
Deuteranopia
255, 226, 234



Tritanopia

225, 234, 252

Trichromacy



Original Color

222, 237, 232

Protanomaly

232, 234, 230

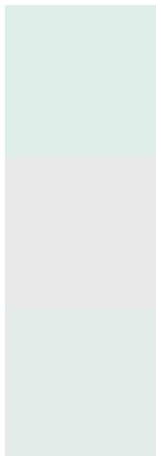
Deuteranomaly

243, 230, 233

Tritanomaly

224, 235, 245

Monochromacy



Original Color

222, 237, 232

Achromatopsia

232, 232, 232

Achromatomaly

228, 234, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 237, 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(222, 237, 232)` looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 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(222, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 232) }
```

Border

The CSS property to change the border of an element to RGB 222, 237, 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(222, 237, 232) }
```

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

```
.border{ border-color:rgb(222, 237, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 222, 237, 232 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, 232) }
```

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

```
.background{ background-color: rgb(222,  
237, 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](#).

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