

Converting Colors

RGB(225, 246, 232)

Have a look what the booklet for
RGB(225, 246, 232) contains.

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Color

RGB(225, 246, 232)

Conversions

Conversions Part 1

Format	Color
Hex	E1F6E8
RGB	225, 246, 232
RGB Percent	88%, 96%, 91%
CMY	0.1176, 0.0353, 0.0902
CMYK	0.09, 0.00, 0.06, 0.04
HSL	140°, 54%, 92%
HSV	140°, 9%, 96%
XYZ	78.5726, 87.7453, 89.1392
YIQ	238.1250, -8.0220, -8.8060

Conversions

Conversions Part 2

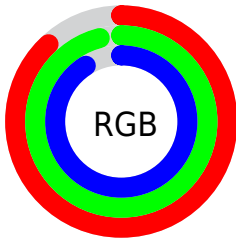
Format	Color
R _Y B	225, 241, 246
Decimal	14808808
CIE Lab	95.05, -9.42, 4.37
CIE LCh	95, 10.385, 155.085
Yxy	87.7453, 0.3076, 0.3435
Android (android.graphics.Color)	4292998888 (0xFFE1F6E8)
YUV	238.1250, -3.0196, -11.5106
Hunter-Lab	93.6725, -14.2007, 9.1500

Details

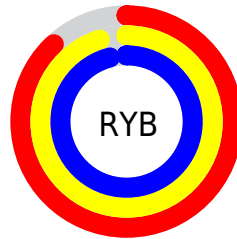
The RGB color `225, 246, 232` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246, 225, 239`, and the grayscale version is `238, 238, 238`.

A 20% lighter version of the original color is `255, 255, 255`, and `170, 190, 176` is the 20% darker color. If you saturate the color by 10%, you get `200, 246, 216`, and if you desaturate by 10%, it is `250, 246, 248`.

Distribution



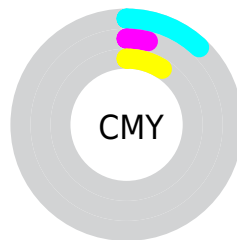
- Red (88%)
- Green (96%)
- Blue (91%)



- Red (88%)
- Yellow (95%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 246, 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 225, 246, 232 by changing the saturation by 10% instead.

 225, 246, 232

255, 255, 255

 225, 246, 232

 197, 218, 204

 170, 190, 176

 143, 163, 150

 117, 136, 124

 93, 111, 99

 69, 87, 75

 46, 63, 53

 25, 41, 31

 0, 21, 7

 225, 246, 232


 225, 246, 232

 200, 246, 216

 250, 246, 248

 176, 246, 199

 255, 246, 255

 151, 246, 183

 127, 246, 166

 102, 246, 150

 77, 246, 134

 53, 246, 117

 28, 246, 101

 4, 246, 84

Harmonies

Analogous

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



236, 244, 224



225, 246, 232



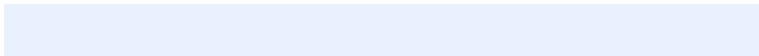
218, 247, 242

Triad

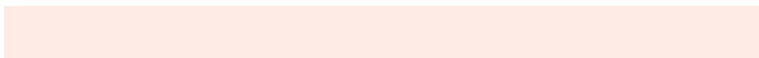
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 246, 232



233, 241, 255



255, 235, 230

Complementary

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



225, 246, 232



246, 225, 239

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, 234, 239



225, 246, 232



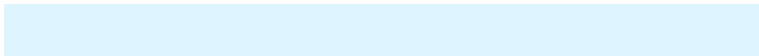
245, 238, 255

Square

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



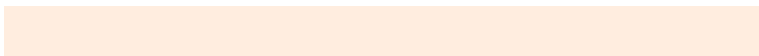
225, 246, 232



222, 244, 255



255, 235, 249



255, 237, 223

Rectangle

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



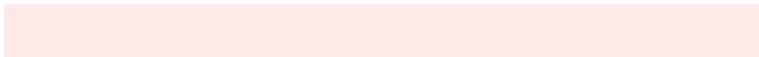
225, 246, 232



216, 247, 249



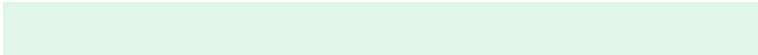
255, 235, 249



255, 234, 233

Sweetspot

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



225, 246, 232



247, 255, 250



239, 246, 225



122, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



225, 246, 232



230, 255, 238



225, 246, 243



110, 122, 114



0, 186, 62



0, 59, 20

Inverse Universe

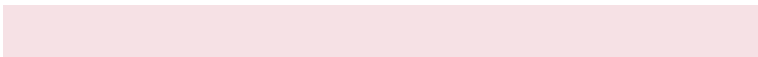
The Inverse Universe completely reimagines the original color for something new.



246, 225, 239



255, 230, 247



246, 225, 229



122, 110, 118



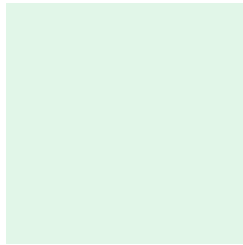
186, 0, 124



59, 0, 39

Previews

White Background



This preview shows how the RGB color 225, 246, 232 looks on a white background.

Color Contrast Check

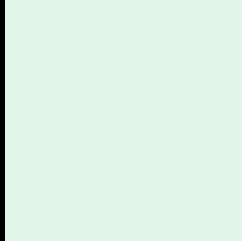
Large Text (above 18pt) WCAG AA × Fail

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 225, 246, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

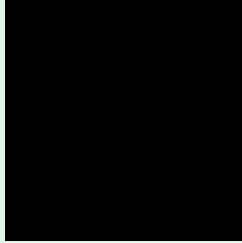
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

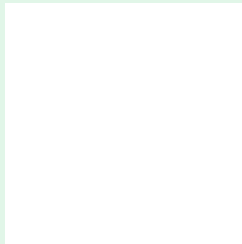
Any Text WCAG AAA ✓ Pass

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

RGB 225, 246, 232 Background



This preview shows how black text looks on a background with the RGB color 225, 246, 232.

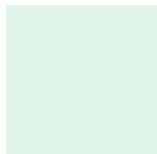
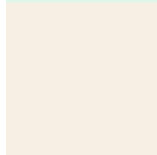


This preview shows how white text looks on a background with the RGB color 225, 246, 232.

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](#).

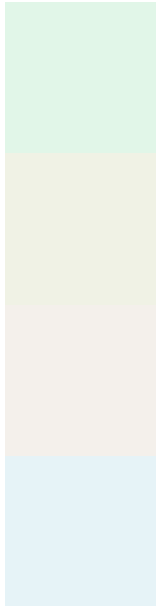
Dichromacy

	Original Color 225, 246, 232
	Protanopia 248, 239, 228
	Deuteranopia 255, 236, 237



Tritanopia
233, 241, 255

Trichromacy



Original Color

225, 246, 232

Protanomaly

240, 242, 229

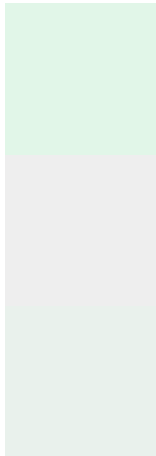
Deuteranomaly

244, 240, 235

Tritanomaly

230, 243, 247

Monochromacy



Original Color

225, 246, 232

Achromatopsia

238, 238, 238

Achromatomaly

233, 241, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 246, 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(225, 246, 232)` looks like.

```
.text, #text, p{  
    color:rgb(225, 246, 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(225, 246, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 246, 232) }
```

Border

The CSS property to change the border of an element to RGB 225, 246, 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(225, 246, 232) }
```

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

```
.border{ border-color:rgb(225, 246, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 246, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 246, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 246, 232);  
box-shadow:4px 4px 4px 4px rgb(225, 246,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 225, 246, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 246, 232) }
```

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

```
.background{ background-color: rgb(225,  
246, 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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