

Converting Colors

RGB(228, 245, 228)

Have a look what the booklet for
RGB(228, 245, 228) contains.

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Color

RGB(228, 245, 228)

Conversions

Conversions Part 1	
Format	Color
Hex	E4F5E4
RGB	228, 245, 228
RGB Percent	89%, 96%, 89%
CMY	0.1059, 0.0392, 0.1059
CMYK	0.07, 0.00, 0.07, 0.04
HSL	120°, 46%, 93%
HSV	120°, 7%, 96%
XYZ	78.6509, 87.4002, 86.1234
YIQ	237.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

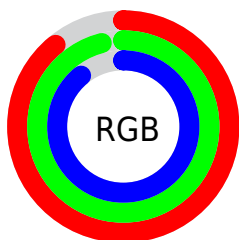
Format	Color
RYB	228, 245, 245
Decimal	15005156
CIELab	94.91, -8.63, 6.26
CIELCh	95, 10.664, 144.067
Yxy	87.4002, 0.3119, 0.3466
Android (android.graphics.Color)	4293195236 (0xFFE4F5E4)
YUV	237.9790, -4.9196, -8.7516
Hunter-Lab	93.4881, -13.4333, 10.8224

Details

The RGB color 228, 245, 228 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 245, 228, 245, and the grayscale version is 238, 238, 238.

A 20% lighter version of the original color is 255, 255, 255, and 173, 189, 173 is the 20% darker color. If you saturate the color by 10%, you get 203, 245, 203, and if you desaturate by 10%, it is 252, 245, 252.

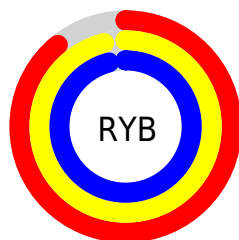
Distribution



Red (89%)

Green (96%)

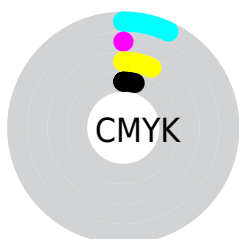
Blue (89%)



Red (89%)

Yellow (96%)

Blue (96%)

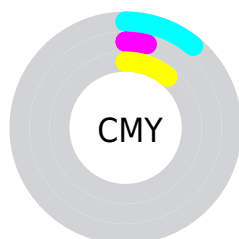


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (4%)



Cyan (11%)

Magenta (4%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 245, 228 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 228, 245, 228 by changing the saturation by 10% instead.

 228, 245, 228


 228, 245, 228

255, 255, 255

 200, 217, 200

 173, 189, 173

 146, 162, 146

 120, 136, 120

 95, 110, 96

 72, 86, 72

 49, 63, 49

 28, 41, 28

 3, 21, 2

 228, 245, 228

 228, 245, 228

 203, 245, 203

 252, 245, 252

 179, 245, 179

 255, 245, 255

 155, 245, 155

 130, 245, 130

 106, 245, 106

 81, 245, 81

 57, 245, 57

 32, 245, 32

 8, 245, 8

Harmonies

Analogous

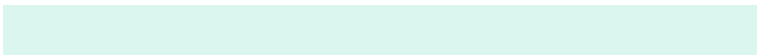
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 242, 221



228, 245, 228



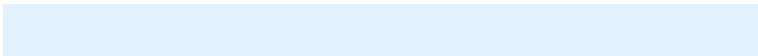
219, 246, 238

Triad

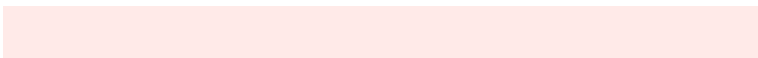
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 245, 228



228, 242, 255



255, 234, 232

Complementary

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



228, 245, 228



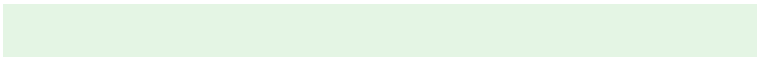
245, 228, 245

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, 243



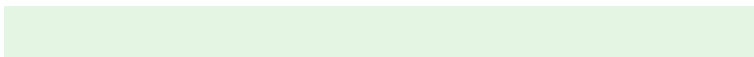
228, 245, 228



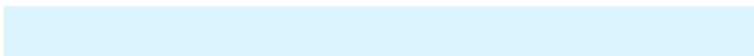
240, 238, 255

Square

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



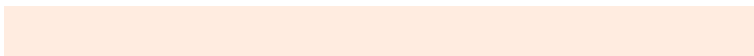
228, 245, 228



218, 245, 255



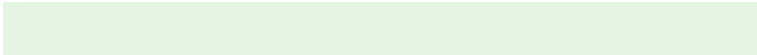
252, 235, 253



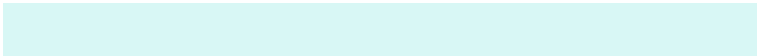
255, 236, 224

Rectangle

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



228, 245, 228



216, 247, 245



252, 235, 253



255, 234, 236

Sweetspot

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



228, 245, 228



250, 255, 250



245, 245, 228



125, 128, 125



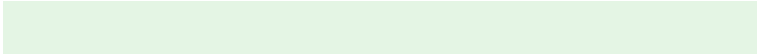
0, 0, 0



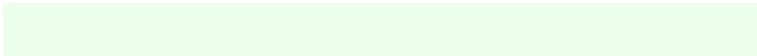
128, 128, 128

Same Dimension

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



228, 245, 228



235, 255, 235



228, 245, 237



110, 122, 110



0, 186, 0



0, 59, 0

Inverse Universe

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



245, 228, 245



255, 235, 255



245, 228, 237



122, 110, 122



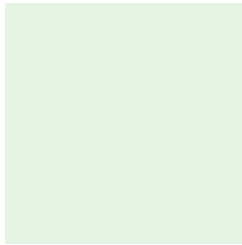
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RGB color 228, 245, 228 looks on a white background.

Color Contrast Check

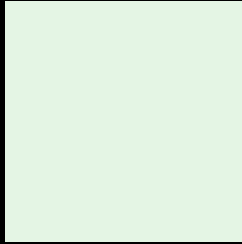
Large Text (above 18pt) WCAG AA × Fail

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 228, 245, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

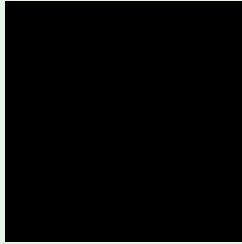
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

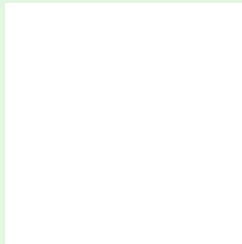
Any Text WCAG AAA ✓ Pass

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

RGB 228, 245, 228 Background



This preview shows how black text looks on a background with the RGB color 228, 245, 228.

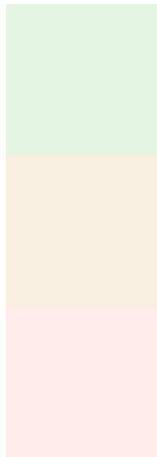


This preview shows how white text looks on a background with the RGB color 228, 245, 228.

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

228, 245, 228

Protanopia

248, 239, 225

Deuteranopia

255, 236, 235



Tritanopia

235, 240, 255

Trichromacy

	Original Color 228, 245, 228
	Protanomaly 241, 241, 226
	Deuteranomaly 245, 239, 232
	Tritanomaly 232, 242, 245

Monochromacy

	Original Color 228, 245, 228
	Achromatopsia 238, 238, 238
	Achromatomaly 234, 241, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 245, 228 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(228, 245, 228) looks like.

```
.text, #text, p{  
    color:rgb(228, 245, 228)  
}
```

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(228, 245, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 245, 228) }
```

Border

The CSS property to change the border of an element to RGB 228, 245, 228 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(228, 245, 228) }
```

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

```
.border{ border-color:rgb(228, 245, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 245, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 245, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 245, 228);  
box-shadow:4px 4px 4px 4px rgb(228, 245,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 228, 245, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 245, 228) }
```

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

```
.background{ background-color: rgb(228,  
245, 228) }
```

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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