

Converting Colors

`RYB(225, 248, 226)`

Have a look what the booklet for
RYB(225, 248, 226) contains.

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Color

R_YB(225, 248, 226)

Conversions

Conversions Part 1

Format	Color
Hex	F7F8E1
RGB	247, 248, 225
RGB Percent	97%, 97%, 88%
CMY	0.0314, 0.0275, 0.1176
CMYK	0.00, 0.00, 0.09, 0.03
HSL	63°, 62%, 93%
HSV	63°, 9%, 97%
XYZ	85.5158, 92.3452, 84.5514
YIQ	245.0790, 6.7870, -7.3650

Conversions

Conversions Part 2

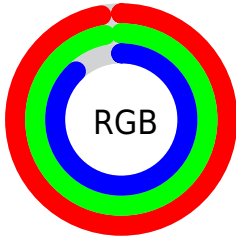
Format	Color
RYB	225, 248, 226
Decimal	16251105
CIELab	96.96, -4.21, 10.93
CIELCh	97, 11.712, 111.051
Yxy	92.3452, 0.3259, 0.3519
Android (android.graphics.Color)	4294441185 (0xFFFF7F8E1)
YUV	245.0790, -9.8989, 1.6847
Hunter-Lab	96.0964, -9.3223, 15.1006

Details

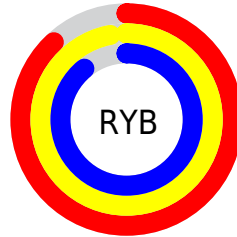
The RYB color **225, 248, 226** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **226, 225, 248**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 192, 171** is the 20% darker color. If you saturate the color by 10%, you get **200, 248, 202**, and if you desaturate by 10%, it is **248, 248, 250**.

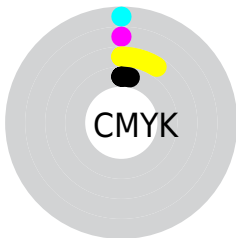
Distribution



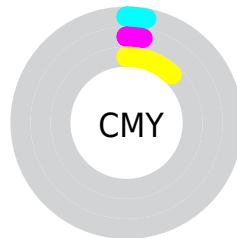
- Red (97%)
- Green (97%)
- Blue (88%)



- Red (88%)
- Yellow (97%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 248, 226 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 225, 248, 226 by changing the saturation by 10% instead.

 225, 248, 226

255, 255, 255


 225, 248, 226

 197, 219, 198

 170, 192, 171

 143, 165, 145

 118, 138, 119

 93, 113, 94

 69, 88, 70

 47, 65, 48

 26, 43, 27

 0, 23, 1

 225, 248, 226

 225, 248, 226

 200, 248, 202

 248, 248, 250

 175, 248, 178

 249, 248, 255

 151, 248, 155

 250, 248, 255

 126, 248, 131

 251, 248, 255

 101, 248, 107

 252, 248, 255

 76, 248, 83

 253, 248, 255

 51, 248, 60

 255, 248, 255

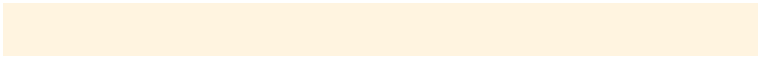
 27, 248, 37

 2, 248, 13

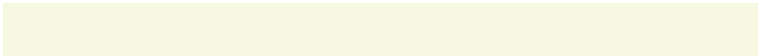
Harmonies

Analogous

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



241, 255, 224



225, 248, 226



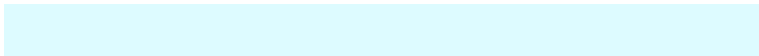
232, 251, 249

Triad

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



225, 248, 226



221, 237, 255



255, 239, 250

Complementary

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



225, 248, 226



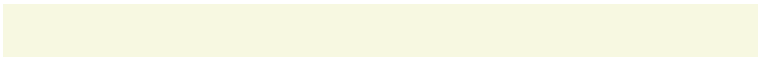
226, 225, 248

Split Complementary

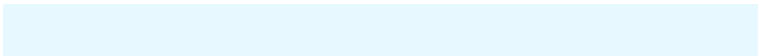
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 241, 255



225, 248, 226



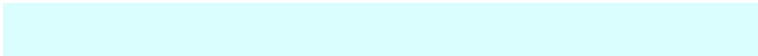
231, 241, 255

Square

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



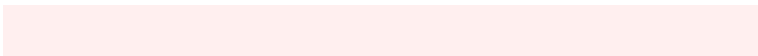
225, 248, 226



218, 236, 254



244, 244, 255



255, 239, 239

Rectangle

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



225, 248, 226



226, 245, 253



244, 244, 255



255, 239, 254

Sweetspot

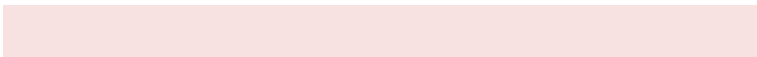
The Sweet Spot groups the original color and five complimentary colors.



225, 248, 226



247, 255, 247



248, 226, 225



122, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



225, 248, 226



227, 255, 228



225, 248, 237



112, 125, 113



0, 189, 9



0, 61, 2

Inverse Universe

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



226, 225, 248



228, 227, 255



237, 225, 248



113, 112, 125



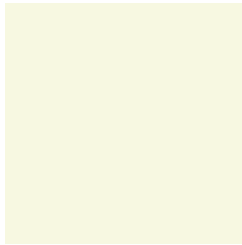
8, 0, 189



3, 0, 61

Previews

White Background



This preview shows how the RYB color 225, 248, 226 looks on a white background.

Color Contrast Check

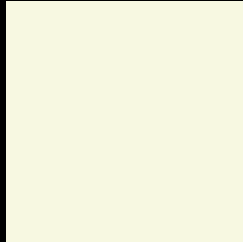
Large Text (above 18pt) WCAG AA × Fail

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 225, 248, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

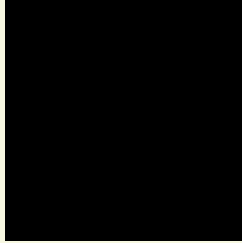
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

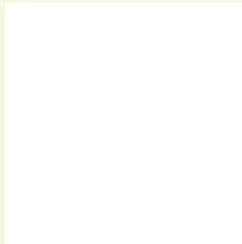
Any Text WCAG AAA ✓ Pass

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

RYB 225, 248, 226 Background



This preview shows how black text looks on a background with the RYB color 225, 248, 226.

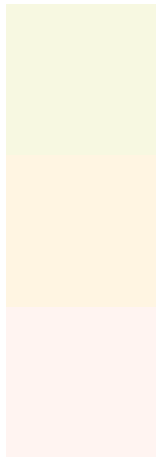


This preview shows how white text looks on a background with the RYB color 225, 248, 226.

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, 248, 226

Protanopia
241, 255, 226

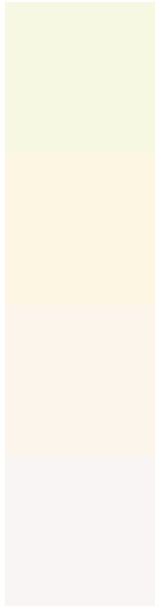
Deuteranopia
255, 245, 241



Tritanopia

250, 244, 255

Trichromacy



Original Color

225, 248, 226

Protanomaly

234, 252, 226

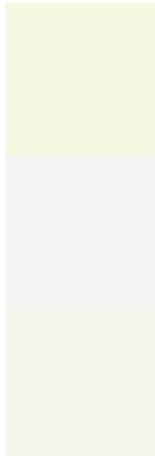
Deuteranomaly

247, 252, 235

Tritanomaly

249, 245, 244

Monochromacy



Original Color

225, 248, 226

Achromatopsia

245, 245, 245

Achromatomaly

238, 246, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 248, 226 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(247, 248, 225) looks like.

```
.text, #text, p{  
    color:rgb(247, 248, 225)  
}
```

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(247, 248, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 248, 225) }
```

Border

The CSS property to change the border of an element to RYB 225, 248, 226 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(247, 248, 225) }
```

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

```
.border{ border-color:rgb(247, 248, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 248, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 248, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 248, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 248,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 225, 248, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 248, 225) }
```

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

```
.background{ background-color: rgb(247,  
248, 225) }
```

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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