

Converting Colors

`RYB(225, 255, 232)`

Have a look what the booklet for
RYB(225, 255, 232) contains.

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Color

R_YB(225, 255, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE1
RGB	248, 255, 225
RGB Percent	97%, 100%, 88%
CMY	0.0275, 0.0000, 0.1176
CMYK	0.03, 0.00, 0.12, 0.00
HSL	74°, 100%, 94%
HSV	74°, 12%, 100%
XYZ	88.0620, 96.9127, 85.2988
YIQ	249.4870, 5.4580, -10.8140

Conversions

Conversions Part 2

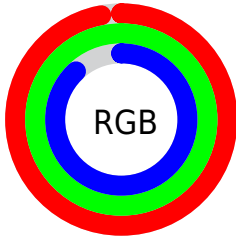
Format	Color
RYB	225, 255, 232
Decimal	16318433
CIELab	98.79, -7.36, 13.55
CIELCh	99, 15.421, 118.516
Yxy	96.9127, 0.3258, 0.3586
Android (android.graphics.Color)	4294508513 (0xFFFF8FFE1)
YUV	249.4870, -12.0721, -1.3041
Hunter-Lab	98.4442, -12.6026, 17.5381

Details

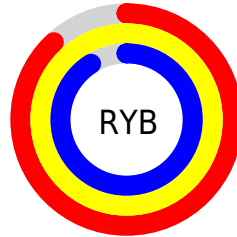
The RYB color **225, 255, 232** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **232, 225, 255**, and the grayscale version is **250, 250, 250**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 198, 176** is the 20% darker color. If you saturate the color by 10%, you get **200, 255, 213**, and if you desaturate by 10%, it is **251, 255, 252**.

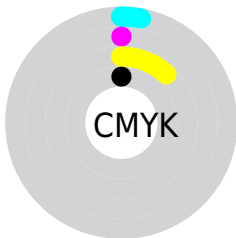
Distribution



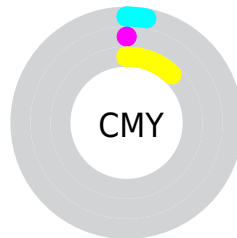
- Red (97%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 255, 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 RYB color 225, 255, 232 by changing the saturation by 10% instead.

 225, 255, 232

255, 255, 255


 225, 255, 232

 197, 226, 204


 170, 198, 176

 143, 171, 150

 118, 145, 125

 93, 119, 100

 69, 94, 75

 47, 71, 54

 26, 48, 32

 0, 27, 4

■ 225, 255, 232

■ 225, 255, 232

■ 200, 255, 213

■ 251, 255, 252

■ 174, 255, 193

255, 255, 255

■ 148, 255, 173

■ 123, 255, 154

■ 98, 255, 135

■ 72, 255, 115

■ 47, 255, 96

■ 21, 255, 76

■ 0, 255, 60

Harmonies

Analogous

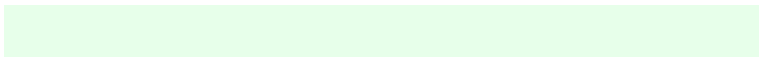
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 255, 222



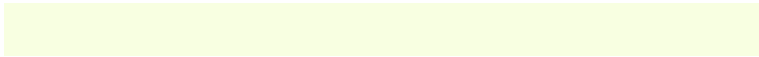
225, 255, 232



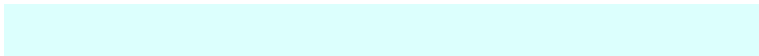
231, 252, 255

Triad

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



225, 255, 232



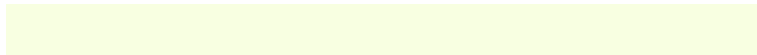
220, 238, 255



255, 241, 253

Complementary

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



225, 255, 232



232, 225, 255

Split Complementary

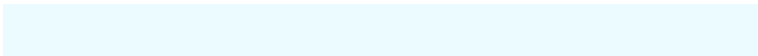
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 244, 255



225, 255, 232



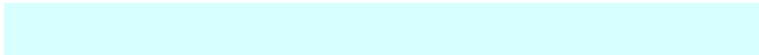
235, 244, 255

Square

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



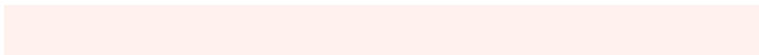
225, 255, 232



214, 235, 255



254, 248, 255



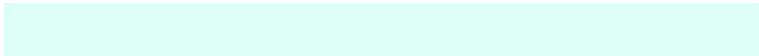
255, 243, 238

Rectangle

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



225, 255, 232



222, 241, 255



254, 248, 255



255, 242, 255

Sweetspot

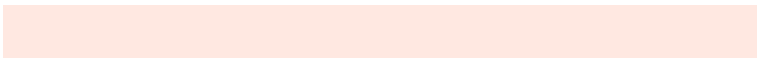
The Sweet Spot groups the original color and five complimentary colors.



225, 255, 232



245, 255, 247



255, 234, 225



121, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

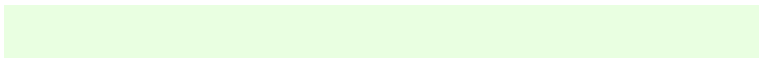
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 255, 232



219, 255, 227



225, 255, 247



115, 128, 118



0, 191, 44



0, 64, 15

Inverse Universe

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



232, 225, 255



228, 219, 255



247, 225, 255



118, 115, 128



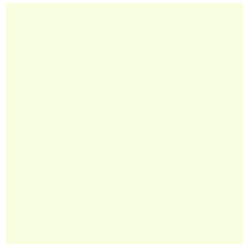
45, 0, 191



15, 0, 64

Previews

White Background



This preview shows how the RYB color 225, 255, 232 looks on a white background.

Color Contrast Check

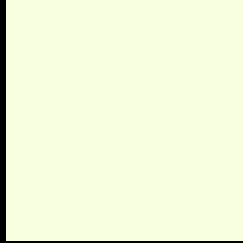
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 225, 255, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

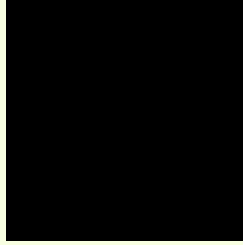
Any Text WCAG AA ✓ Pass

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](#).

RYB 225, 255, 232 Background



This preview shows how black text looks on a background with the RYB color 225, 255, 232.

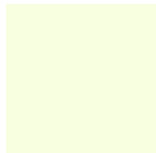


This preview shows how white text looks on a background with the RYB color 225, 255, 232.

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, 255, 232



Protanopia
249, 255, 243

Deuteranopia
255, 252, 249

Tritanopia

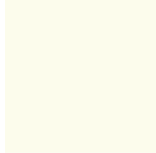
252, 251, 255

Trichromacy



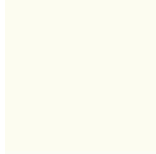
Original Color

225, 255, 232



Protanomaly

236, 252, 236



Deuteranomaly

240, 252, 240



Tritanomaly

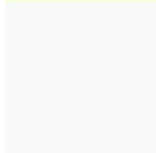
244, 252, 245

Monochromacy



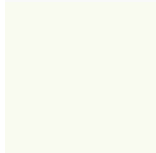
Original Color

225, 255, 232



Achromatopsia

249, 249, 249



Achromatomaly

240, 251, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 255, 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(248, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 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(248, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 225) }
```

Border

The CSS property to change the border of an element to RYB 225, 255, 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(248, 255, 225) }
```

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

```
.border{ border-color:rgb(248, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 225, 255, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 225) }
```

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

```
.background{ background-color: rgb(248,  
255, 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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