

Converting Colors

`RYB(206, 237, 219)`

Have a look what the booklet for
RYB(206, 237, 219) contains.

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Color

R_YB(206, 237, 219)

Conversions

Conversions Part 1

Format	Color
Hex	E0EDCE
RGB	224, 237, 206
RGB Percent	88%, 93%, 81%
CMY	0.1216, 0.0706, 0.1922
CMYK	0.05, 0.00, 0.13, 0.07
HSL	85°, 46%, 87%
HSV	85°, 13%, 93%
XYZ	72.1652, 80.8719, 70.1988
YIQ	229.5790, 2.2030, -12.3970

Conversions

Conversions Part 2

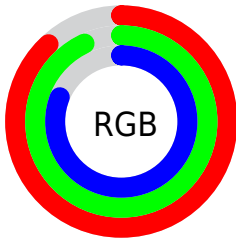
Format	Color
R_{YB}	206, 237, 219
Decimal	14740942
CIE _{Lab}	92.07, -9.70, 13.56
CIE _{LCh}	92, 16.669, 125.573
Yxy	80.8719, 0.3233, 0.3623
Android (android.graphics.Color)	4292931022 (0xFFE0EDCE)
YUV	229.5790, -11.6244, -4.8928
Hunter-Lab	89.9288, -14.1344, 16.6681

Details

The RYB color **206, 237, 219** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **219, 206, 237**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **152, 181, 164** is the 20% darker color. If you saturate the color by 10%, you get **182, 237, 205**, and if you desaturate by 10%, it is **230, 237, 233**.

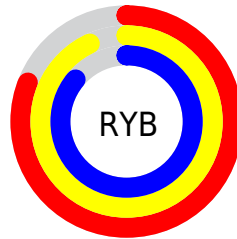
Distribution



Red (88%)

Green (93%)

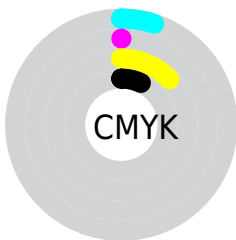
Blue (81%)



Red (81%)

Yellow (93%)

Blue (86%)

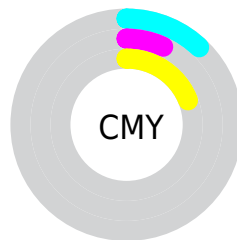


Cyan (5%)

Magenta (0%)

Yellow (13%)

Black (7%)



Cyan (12%)

Magenta (7%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 237, 219 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 206, 237, 219 by changing the saturation by 10% instead.

■ 206, 237, 219

255, 255, 255

■ 206, 237, 219

■ 178, 209, 191

■ 152, 181, 164

■ 126, 154, 138

■ 101, 128, 113

■ 77, 103, 88

■ 54, 79, 65

■ 32, 56, 42

■ 10, 35, 20

■ 0, 14, 14

 206, 237, 219

 206, 237, 219

 182, 237, 205

 230, 237, 233

 159, 237, 192

 244, 237, 253

 135, 237, 178

 254, 237, 255

 111, 237, 164

 255, 237, 255

 88, 237, 151

 64, 237, 137

 40, 237, 123

 16, 237, 109

 0, 237, 99

Harmonies

Analogous

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



214, 242, 201



206, 237, 219



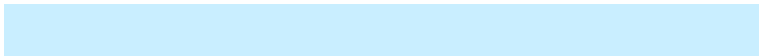
206, 231, 240

Triad

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



206, 237, 219



201, 223, 255



255, 221, 230

Complementary

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



206, 237, 219



219, 206, 237

Split Complementary

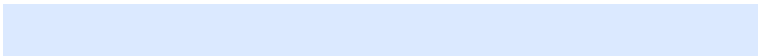
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 223, 246



206, 237, 219



219, 229, 255

Square

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



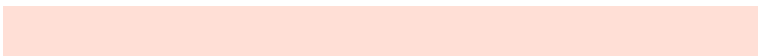
206, 237, 219



192, 219, 250



239, 227, 255



255, 226, 214

Rectangle

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



206, 237, 219



197, 223, 242



239, 227, 255



255, 222, 235

Sweetspot

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



206, 237, 219



245, 255, 249



237, 228, 206



121, 128, 124



0, 0, 0



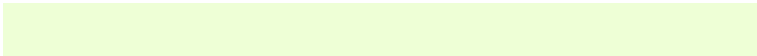
128, 128, 128

Same Dimension

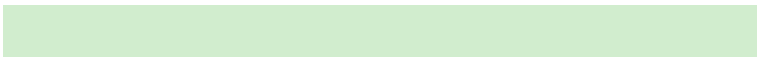
The Same Dimension uses a secret algorithm to generate beautiful new colors.



206, 237, 219



214, 255, 231



206, 237, 234



106, 117, 111



0, 181, 76



0, 54, 23

Inverse Universe

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



219, 206, 237



231, 214, 255



234, 206, 237



110, 106, 117



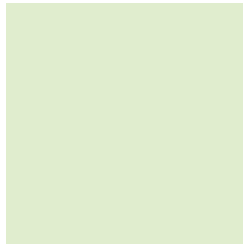
76, 0, 181



22, 0, 54

Previews

White Background



This preview shows how the RYB color 206, 237, 219 looks on a white background.

Color Contrast Check

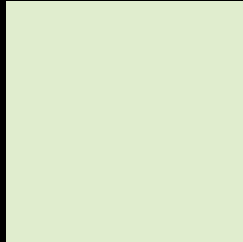
Large Text (above 18pt) WCAG AA × Fail

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 206, 237, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

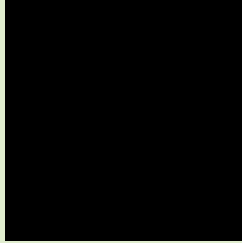
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

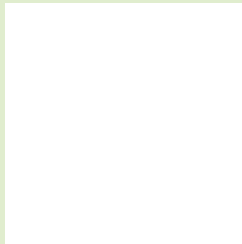
Any Text WCAG AAA ✓ Pass

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

RYB 206, 237, 219 Background



This preview shows how black text looks on a background with the RYB color 206, 237, 219.



This preview shows how white text looks on a background with the RYB color 206, 237, 219.

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](#).

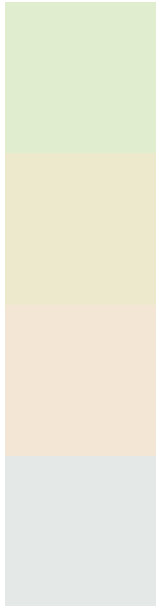
Dichromacy





Tritanopia
230, 231, 249

Trichromacy



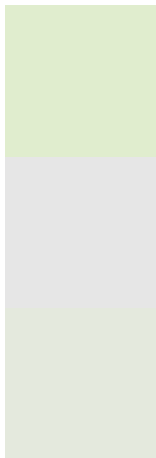
Original Color
206, 237, 219

Protanomaly
207, 236, 204

Deuteranomaly
237, 244, 212

Tritanomaly
228, 231, 233

Monochromacy



Original Color
206, 237, 219

Achromatopsia
230, 230, 230

Achromatomaly
221, 233, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 237, 219 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(224, 237, 206) looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 206)  
}
```

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(224, 237, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 206) }
```

Border

The CSS property to change the border of an element to RYB 206, 237, 219 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(224, 237, 206) }
```

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

```
.border{ border-color:rgb(224, 237, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 237, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 206);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 206, 237, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 206) }
```

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

```
.background{ background-color: rgb(224,  
237, 206) }
```

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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