

Converting Colors

`RYB(207, 234, 223)`

Have a look what the booklet for
RYB(207, 234, 223) contains.

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Color

R_YB(207, 234, 223)

Conversions

Conversions Part 1

Format	Color
Hex	DAEACF
RGB	218, 234, 207
RGB Percent	85%, 92%, 81%
CMY	0.1451, 0.0824, 0.1882
CMYK	0.07, 0.00, 0.12, 0.08
HSL	96°, 39%, 86%
HSV	96°, 12%, 92%
XYZ	69.5987, 78.2561, 70.4682
YIQ	226.1380, -0.8690, -11.7890

Conversions

Conversions Part 2

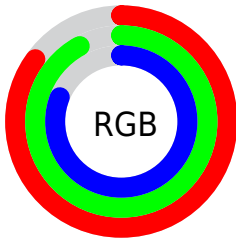
Format	Color
R _Y B	207, 234, 223
Decimal	14346959
CIE Lab	90.90, -10.09, 11.31
CIE LCh	91, 15.156, 131.752
Yxy	78.2561, 0.3188, 0.3584
Android (android.graphics.Color)	4292537039 (0xFFDAEACF)
YUV	226.1380, -9.4350, -7.1370
Hunter-Lab	88.4625, -14.3726, 14.6940

Details

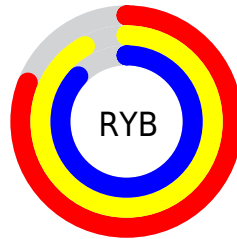
The RYB color **207, 234, 223** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **223, 207, 234**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 178, 168** is the 20% darker color. If you saturate the color by 10%, you get **184, 234, 214**, and if you desaturate by 10%, it is **230, 234, 232**.

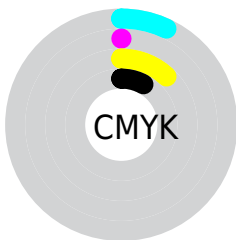
Distribution



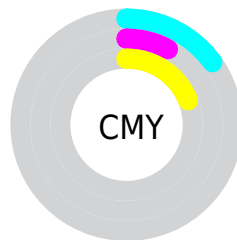
- Red (85%)
- Green (92%)
- Blue (81%)



- Red (81%)
- Yellow (92%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 234, 223 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 207, 234, 223 by changing the saturation by 10% instead.

■ 207, 234, 223

255, 255, 255

■ 207, 234, 223

■ 179, 206, 195

■ 153, 178, 168

■ 127, 152, 142

■ 102, 126, 117

■ 78, 101, 92

■ 55, 77, 69

■ 33, 54, 46

■ 11, 33, 23

■ 0, 6, 6

 207, 234, 223

 207, 234, 223

 184, 234, 214

 230, 234, 232

 160, 234, 204

 246, 234, 254

 137, 234, 195

 255, 234, 255

 113, 234, 184

 90, 234, 175

 67, 234, 166

 43, 234, 156

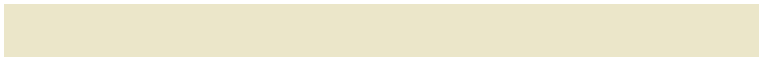
 20, 234, 147

 0, 234, 139

Harmonies

Analogous

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



207, 235, 201



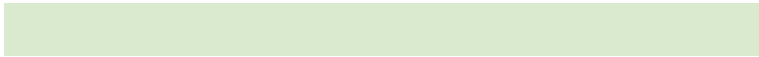
207, 234, 223



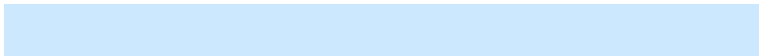
203, 226, 237

Triad

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



207, 234, 223



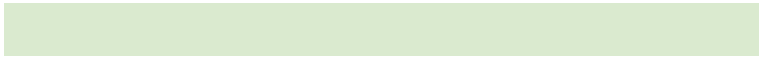
204, 222, 255



255, 219, 224

Complementary

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



207, 234, 223



223, 207, 234

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.



253, 220, 238



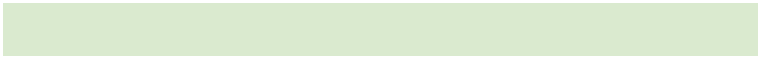
207, 234, 223



221, 227, 255

Square

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



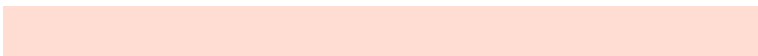
207, 234, 223



193, 217, 248



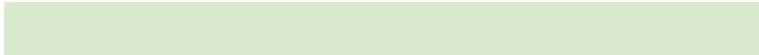
239, 223, 251



255, 225, 210

Rectangle

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



207, 234, 223



196, 220, 238



239, 223, 251



255, 219, 229

Sweetspot

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



207, 234, 223



247, 255, 252



226, 234, 207



122, 128, 126



0, 0, 0



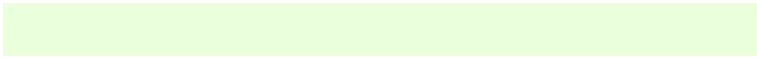
128, 128, 128

Same Dimension

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



207, 234, 223



219, 255, 240



207, 232, 234



106, 117, 113



0, 181, 107



0, 54, 32

Inverse Universe

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



223, 207, 234



240, 219, 255



234, 207, 232



113, 106, 117



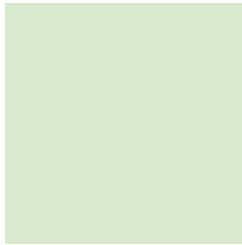
107, 0, 181



32, 0, 54

Previews

White Background



This preview shows how the RYB color 207, 234, 223 looks on a white background.

Color Contrast Check

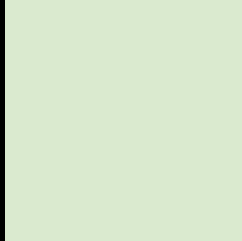
Large Text (above 18pt) WCAG AA × Fail

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 207, 234, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

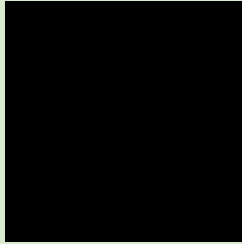
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

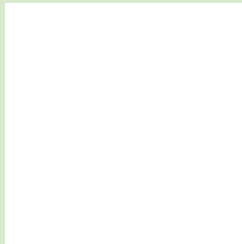
Any Text WCAG AAA ✓ Pass

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

RYB 207, 234, 223 Background



This preview shows how black text looks on a background with the RYB color 207, 234, 223.



This preview shows how white text looks on a background with the RYB color 207, 234, 223.

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](#).

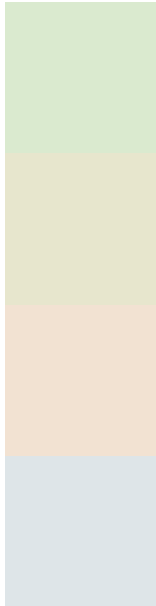
Dichromacy





Tritanopia
224, 227, 246

Trichromacy



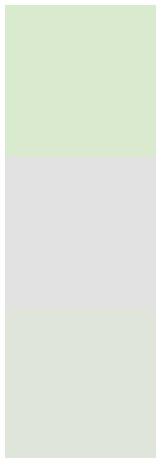
Original Color
207, 234, 223

Protanomaly
206, 231, 205

Deuteranomaly
242, 242, 210

Tritanomaly
222, 226, 232

Monochromacy



Original Color
207, 234, 223

Achromatopsia
226, 226, 226

Achromatomaly
219, 229, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 234, 223 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(218, 234, 207) looks like.

```
.text, #text, p{  
    color:rgb(218, 234, 207)  
}
```

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(218, 234, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 234, 207) }
```

Border

The CSS property to change the border of an element to RYB 207, 234, 223 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(218, 234, 207) }
```

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

```
.border{ border-color:rgb(218, 234, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 234, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 234, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 234, 207);  
box-shadow:4px 4px 4px 4px rgb(218, 234,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 207, 234, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 234, 207) }
```

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

```
.background{ background-color: rgb(218,  
234, 207) }
```

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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