

Converting Colors

`RYB(208, 234, 223)`

Have a look what the booklet for
RYB(208, 234, 223) contains.

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Color

R_YB(208, 234, 223)

Conversions

Conversions Part 1

Format	Color
Hex	DBEAD0
RGB	219, 234, 208
RGB Percent	86%, 92%, 82%
CMY	0.1412, 0.0824, 0.1843
CMYK	0.06, 0.00, 0.11, 0.08
HSL	95°, 38%, 87%
HSV	95°, 11%, 92%
XYZ	70.0214, 78.4598, 71.1282
YIQ	226.5510, -0.5940, -11.2660

Conversions

Conversions Part 2

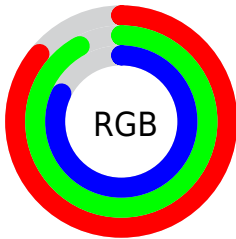
Format	Color
R_{YB}	208, 234, 223
Decimal	14412496
CIE Lab	90.99, -9.58, 10.93
CIE LCh	91, 14.533, 131.244
Yxy	78.4598, 0.3188, 0.3573
Android (android.graphics.Color)	4292602576 (0xFFD _{BEAD} 0)
YUV	226.5510, -9.1456, -6.6222
Hunter-Lab	88.5775, -13.9047, 14.3941

Details

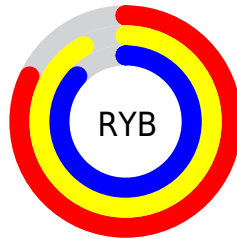
The RYB color **208, 234, 223** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **223, 208, 234**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 178, 168** is the 20% darker color. If you saturate the color by 10%, you get **185, 234, 214**, and if you desaturate by 10%, it is **231, 234, 232**.

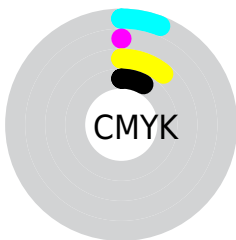
Distribution



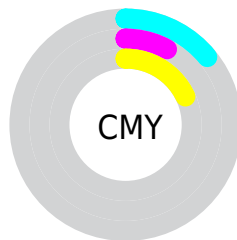
- Red (86%)
- Green (92%)
- Blue (82%)



- Red (82%)
- Yellow (92%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 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 208, 234, 223 by changing the saturation by 10% instead.

■ 208, 234, 223

255, 255, 255

■ 208, 234, 223

■ 180, 206, 195

■ 154, 178, 168

■ 128, 152, 142

■ 103, 126, 117

■ 79, 101, 92

■ 56, 77, 69

■ 34, 54, 46


■ 13, 33, 24

■ 0, 7, 7

 208, 234, 223

 208, 234, 223

 185, 234, 214

 231, 234, 232

 161, 234, 203

 246, 234, 255

 138, 234, 193

 255, 234, 255

 114, 234, 183

 91, 234, 174

 68, 234, 164

 44, 234, 154

 21, 234, 144

 0, 234, 135

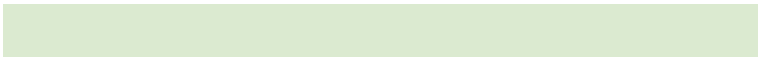
Harmonies

Analogous

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



208, 235, 202



208, 234, 223



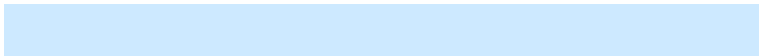
204, 226, 237

Triad

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



208, 234, 223



205, 223, 255



255, 220, 224

Complementary

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



208, 234, 223



223, 208, 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.



252, 221, 238



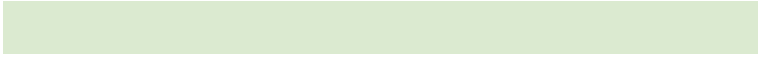
208, 234, 223



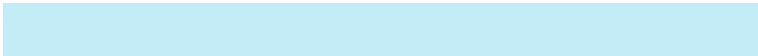
221, 227, 255

Square

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



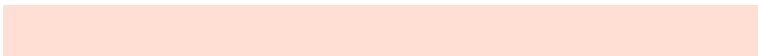
208, 234, 223



195, 218, 247



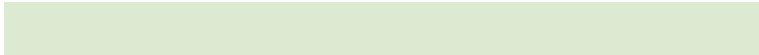
238, 224, 250



255, 226, 211

Rectangle

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



208, 234, 223



197, 220, 238



238, 224, 250



255, 220, 229

Sweetspot

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



208, 234, 223



247, 255, 251



227, 234, 208



122, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



208, 234, 223



222, 255, 241



208, 232, 234



106, 117, 112



0, 181, 104



0, 54, 31

Inverse Universe

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



223, 208, 234



241, 222, 255



234, 208, 232



112, 106, 117



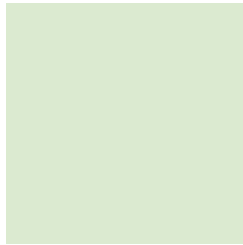
104, 0, 181



31, 0, 54

Previews

White Background



This preview shows how the RYB color 208, 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 208, 234, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

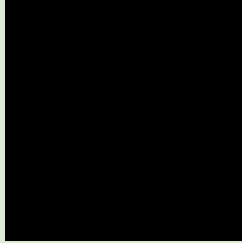
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

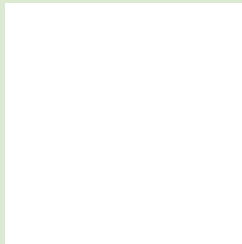
Any Text WCAG AAA ✓ Pass

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

R Y B 208, 234, 223 Background



This preview shows how black text looks on a background with the RYB color 208, 234, 223.

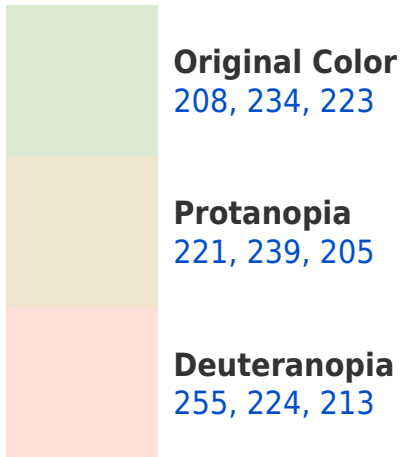


This preview shows how white text looks on a background with the RYB color 208, 234, 223.

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](#).

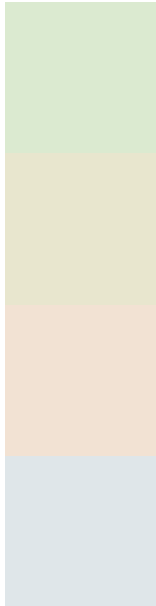
Dichromacy





Tritanopia
225, 228, 247

Trichromacy



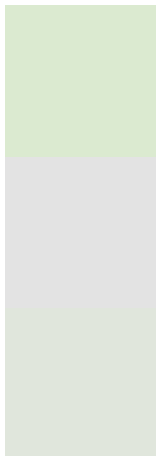
Original Color
208, 234, 223

Protanomaly
208, 232, 206

Deuteranomaly
242, 240, 211

Tritanomaly
223, 227, 233

Monochromacy



Original Color
208, 234, 223

Achromatopsia
227, 227, 227

Achromatomaly
220, 230, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 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(219, 234, 208) looks like.

```
.text, #text, p{  
    color:rgb(219, 234, 208)  
}
```

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(219, 234, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 234, 208) }
```

Border

The CSS property to change the border of an element to RYB 208, 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(219, 234, 208) }
```

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

```
.border{ border-color:rgb(219, 234, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 234, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 234, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 234, 208);  
box-shadow:4px 4px 4px 4px rgb(219, 234,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 208, 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(219, 234, 208) }
```

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

```
.background{ background-color: rgb(219,  
234, 208) }
```

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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