

Converting Colors

`RYB(207, 233, 223)`

Have a look what the booklet for
RYB(207, 233, 223) contains.

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Color

R_YB(207, 233, 223)

Conversions

Conversions Part 1

Format	Color
Hex	D9E9CF
RGB	217, 233, 207
RGB Percent	85%, 91%, 81%
CMY	0.1490, 0.0863, 0.1882
CMYK	0.07, 0.00, 0.11, 0.09
HSL	97°, 37%, 86%
HSV	97°, 11%, 91%
XYZ	69.0167, 77.5345, 70.3596
YIQ	225.2520, -1.1900, -11.4780

Conversions

Conversions Part 2

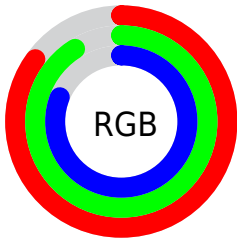
Format	Color
RYB	207, 233, 223
Decimal	14281167
CIELab	90.57, -9.93, 10.83
CIElCh	91, 14.693, 132.530
Yxy	77.5345, 0.3182, 0.3574
Android (android.graphics.Color)	4292471247 (0xFFD9E9CF)
YUV	225.2520, -8.9982, -7.2370
Hunter-Lab	88.0537, -14.1853, 14.2617

Details

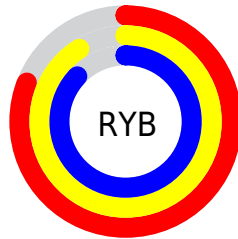
The RYB color **207, 233, 223** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **223, 207, 233**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 177, 168** is the 20% darker color. If you saturate the color by 10%, you get **184, 233, 214**, and if you desaturate by 10%, it is **230, 233, 232**.

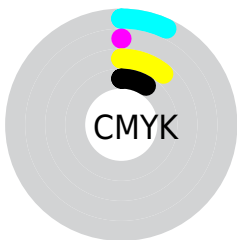
Distribution



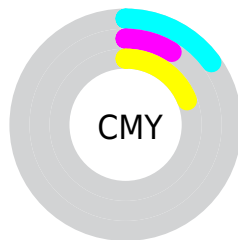
- Red (85%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (91%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 233, 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, 233, 223 by changing the saturation by 10% instead.

■ 207, 233, 223

255, 255, 255

■ 207, 233, 223

■ 179, 205, 195

■ 153, 177, 168

■ 127, 151, 142

■ 102, 125, 117

■ 78, 100, 92

■ 55, 76, 69

■ 33, 53, 46

■ 11, 32, 23

■ 0, 4, 4

 207, 233, 223

 207, 233, 223

 184, 233, 214

 230, 233, 232

 160, 233, 205

 246, 233, 254

 137, 233, 196

 255, 233, 255

 114, 233, 187

 90, 233, 178

 67, 233, 169

 44, 233, 160

 21, 233, 152

 0, 233, 143

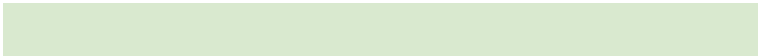
Harmonies

Analogous

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



206, 233, 201



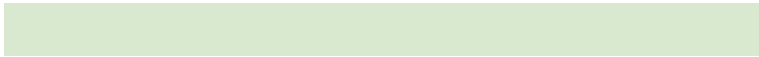
207, 233, 223



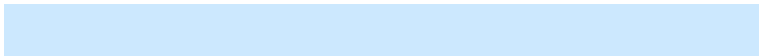
202, 225, 236

Triad

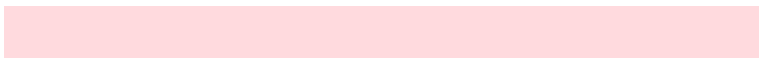
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



207, 233, 223



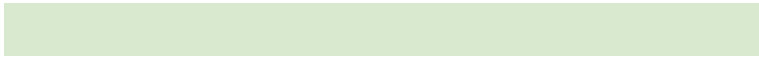
204, 222, 254



255, 218, 222

Complementary

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



207, 233, 223



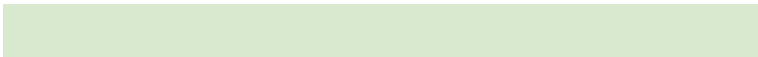
223, 207, 233

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, 219, 237



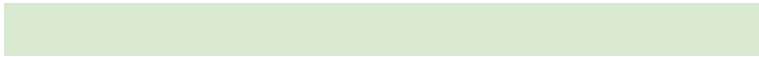
207, 233, 223



220, 226, 255

Square

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



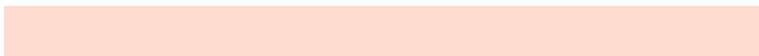
207, 233, 223



194, 217, 246



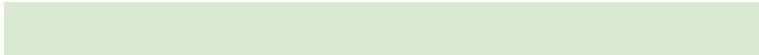
238, 223, 249



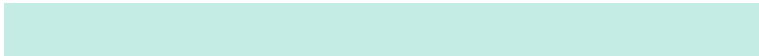
255, 223, 210

Rectangle

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



207, 233, 223



196, 218, 236



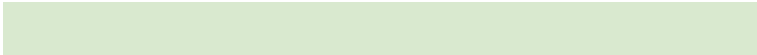
238, 223, 249



255, 218, 227

Sweetspot

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



207, 233, 223



247, 255, 252



223, 233, 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, 233, 223



222, 255, 242



207, 230, 233



106, 117, 113



0, 181, 111



0, 54, 33

Inverse Universe

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



223, 207, 233



242, 222, 255



233, 207, 230



113, 106, 117



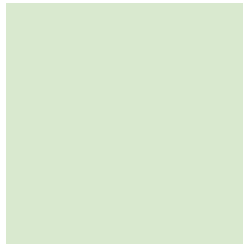
111, 0, 181



33, 0, 54

Previews

White Background



This preview shows how the RYB color 207, 233, 223 looks on a white background.

Color Contrast Check

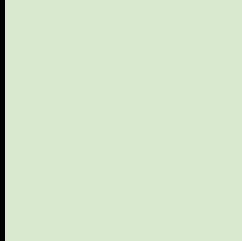
Large Text (above 18pt) WCAG AA × Fail

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, 233, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

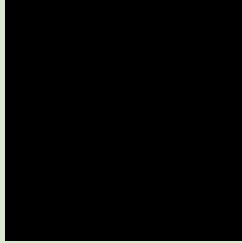
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

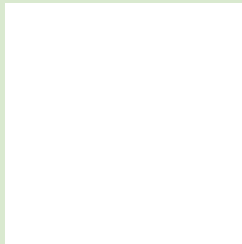
Any Text WCAG AAA ✓ Pass

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

RYB 207, 233, 223 Background



This preview shows how black text looks on a background with the RYB color 207, 233, 223.



This preview shows how white text looks on a background with the RYB color 207, 233, 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
223, 226, 245

Trichromacy



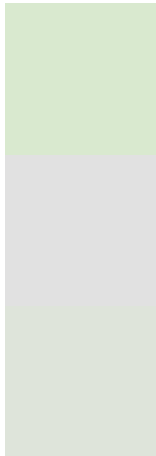
Original Color
207, 233, 223

Protanomaly
206, 230, 205

Deuteranomaly
241, 239, 210

Tritanomaly
221, 225, 231

Monochromacy



Original Color
207, 233, 223

Achromatopsia
225, 225, 225

Achromatomaly
218, 228, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 233, 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(217, 233, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 233, 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(217, 233, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 233, 207) }
```

Border

The CSS property to change the border of an element to RYB 207, 233, 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(217, 233, 207) }
```

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

```
.border{ border-color:rgb(217, 233, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 233, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 233, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 233, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 233,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 207, 233, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 233, 207) }
```

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

```
.background{ background-color: rgb(217,  
233, 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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