

Converting Colors

`RYB(192, 232, 207)`

Have a look what the booklet for
RYB(192, 232, 207) contains.

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Color

R_YB(192, 232, 207)

Conversions

Conversions Part 1

Format	Color
Hex	D9E8C0
RGB	217, 232, 192
RGB Percent	85%, 91%, 75%
CMY	0.1490, 0.0902, 0.2471
CMYK	0.06, 0.00, 0.17, 0.09
HSL	82°, 47%, 83%
HSV	82°, 17%, 91%
XYZ	66.9863, 76.2707, 61.0603
YIQ	222.9550, 3.9000, -15.6200

Conversions

Conversions Part 2

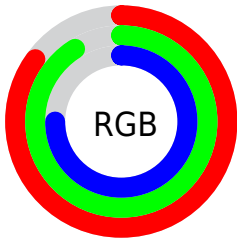
Format	Color
R _{YB}	192, 232, 207
Decimal	14280896
CIE Lab	89.98, -11.87, 17.80
CIE LCh	90, 21.400, 123.699
Yxy	76.2707, 0.3279, 0.3733
Android (android.graphics.Color)	4292470976 (0xFFD9E8C0)
YUV	222.9550, -15.2608, -5.2225
Hunter-Lab	87.3331, -15.9197, 19.6796

Details

The RYB color **192, 232, 207** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **207, 192, 232**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **248, 255, 248**, and **138, 176, 152** is the 20% darker color. If you saturate the color by 10%, you get **169, 232, 193**, and if you desaturate by 10%, it is **215, 232, 221**.

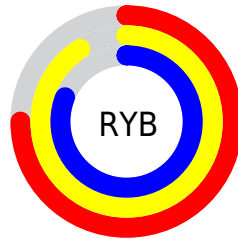
Distribution



Red (85%)

Green (91%)

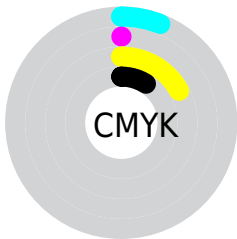
Blue (75%)



Red (75%)

Yellow (91%)

Blue (81%)

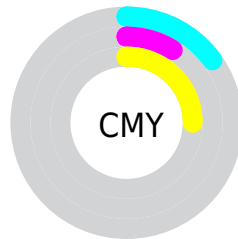


Cyan (6%)

Magenta (0%)

Yellow (17%)

Black (9%)



Cyan (15%)

Magenta (9%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 232, 207 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 192, 232, 207 by changing the saturation by 10% instead.

 192, 232, 207

255, 255, 255


 248, 255, 248

 192, 232, 207


 165, 204, 180


 138, 176, 152


 113, 150, 127

 88, 124, 102

 65, 99, 79

 42, 75, 55

 21, 52, 34

 0, 31, 10

 0, 0, 0

 192, 232, 207

 192, 232, 207

 169, 232, 193

 215, 232, 221

 146, 232, 178

 234, 232, 238

 122, 232, 163

 243, 232, 255

 99, 232, 149

 252, 232, 255

 76, 232, 135

 255, 232, 255

 53, 232, 120

 30, 232, 106

 6, 232, 91

 0, 232, 87

Harmonies

Analogous

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



205, 240, 186



192, 232, 207



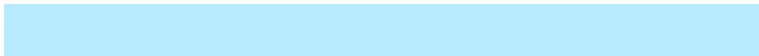
194, 226, 236

Triad

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



192, 232, 207



183, 213, 255



255, 212, 224

Complementary

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



192, 232, 207



207, 192, 232

Split Complementary

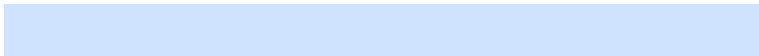
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 215, 245



192, 232, 207



207, 221, 255

Square

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



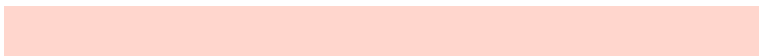
192, 232, 207



172, 207, 248



233, 220, 255



255, 216, 205

Rectangle

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



192, 232, 207



182, 215, 238



233, 220, 255



255, 212, 231

Sweetspot

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



192, 232, 207



242, 255, 247



232, 216, 192



120, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



192, 232, 207



201, 255, 221



192, 232, 227



103, 115, 108



0, 179, 67



0, 51, 19

Inverse Universe

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



207, 192, 232



222, 201, 255



227, 192, 232



108, 103, 115



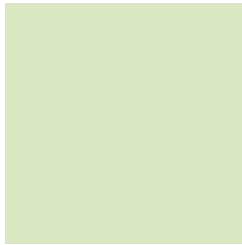
67, 0, 179



19, 0, 51

Previews

White Background



This preview shows how the RYB color 192, 232, 207 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 192, 232, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

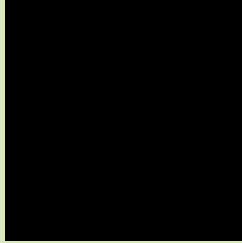
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

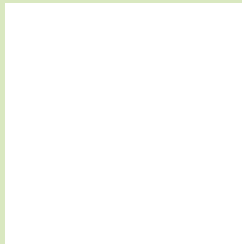
Any Text WCAG AAA ✓ Pass

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

RYB 192, 232, 207 Background



This preview shows how black text looks on a background with the RYB color 192, 232, 207.

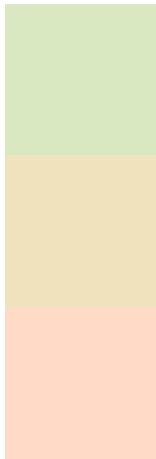


This preview shows how white text looks on a background with the RYB color 192, 232, 207.

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
192, 232, 207

Protanopia
207, 239, 189

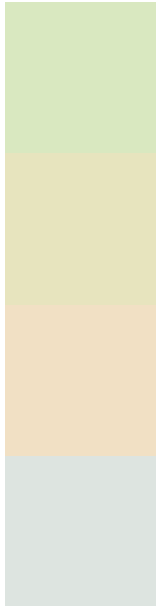
Deuteranopia
255, 230, 199



Tritanopia

224, 225, 243

Trichromacy



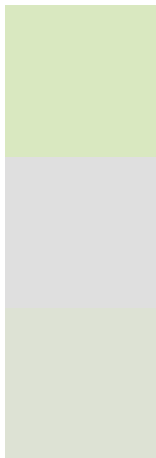
Original Color
192, 232, 207

Protanomaly
193, 231, 190

Deuteranomaly
223, 241, 196

Tritanomaly
221, 226, 228

Monochromacy



Original Color
192, 232, 207

Achromatopsia
223, 223, 223

Achromatomaly
212, 226, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 232, 207 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, 232, 192) looks like.

```
.text, #text, p{  
    color:rgb(217, 232, 192)  
}
```

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, 232, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 232, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 232, 207 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, 232, 192) }
```

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

```
.border{ border-color:rgb(217, 232, 192) }
```

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

Here you see how a box with a 4 pixel rgb(217, 232, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 232, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 232, 192);  
box-shadow:4px 4px 4px 4px rgb(217, 232,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 232, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 232, 192) }
```

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

```
.background{ background-color: rgb(217,  
232, 192) }
```

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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