

Converting Colors

`RYB(192, 224, 206)`

Have a look what the booklet for
RYB(192, 224, 206) contains.

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Color

R_YB(192, 224, 206)

Conversions

Conversions Part 1

Format	Color
Hex	D2E0C0
RGB	210, 224, 192
RGB Percent	82%, 88%, 75%
CMY	0.1765, 0.1216, 0.2471
CMYK	0.06, 0.00, 0.14, 0.12
HSL	86°, 34%, 82%
HSV	86°, 14%, 88%
XYZ	62.7484, 70.8187, 60.2314
YIQ	216.1660, 1.9280, -12.9200

Conversions

Conversions Part 2

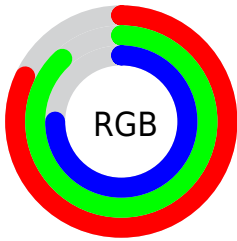
Format	Color
R _Y B	192, 224, 206
Decimal	13820096
CIE Lab	87.40, -10.31, 14.09
CIE LCh	87, 17.458, 126.182
Yxy	70.8187, 0.3238, 0.3654
Android (android.graphics.Color)	4292010176 (0xFFD2E0C0)
YUV	216.1660, -11.9138, -5.4076
Hunter-Lab	84.1539, -14.1726, 16.4721

Details

The RYB color **192, 224, 206** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **206, 192, 224**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **248, 255, 248**, and **138, 169, 152** is the 20% darker color. If you saturate the color by 10%, you get **170, 224, 194**, and if you desaturate by 10%, it is **214, 224, 218**.

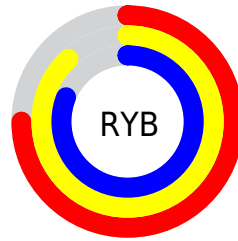
Distribution



Red (82%)

Green (88%)

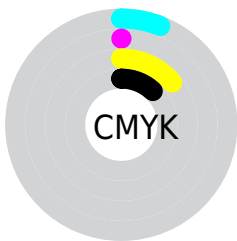
Blue (75%)



Red (75%)

Yellow (88%)

Blue (81%)

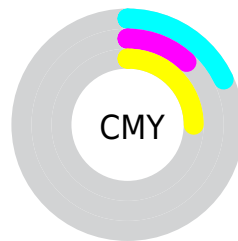


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 224, 206 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, 224, 206 by changing the saturation by 10% instead.

 192, 224, 206

255, 255, 255


 248, 255, 248

 192, 224, 206

 165, 196, 179

 138, 169, 152

 113, 142, 126

 88, 117, 101

 65, 92, 77

 43, 69, 55

 22, 46, 33

 0, 26, 12

 0, 0, 0

 192, 224, 206

 192, 224, 206

 170, 224, 194

 214, 224, 218

 147, 224, 181

 230, 224, 237

 125, 224, 168

 239, 224, 255

 102, 224, 155

 249, 224, 255

 80, 224, 143

 255, 224, 255

 58, 224, 131

 35, 224, 118

 13, 224, 105

 0, 224, 98

Harmonies

Analogous

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



199, 229, 186



192, 224, 206



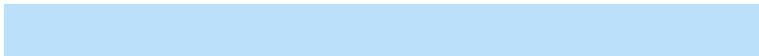
192, 218, 228

Triad

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



192, 224, 206



186, 210, 249



253, 208, 216

Complementary

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



192, 224, 206



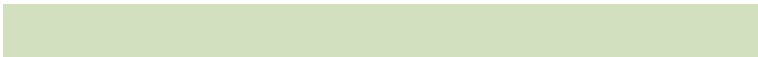
206, 192, 224

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.



244, 209, 233



192, 224, 206



205, 216, 252

Square

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



192, 224, 206



177, 205, 238



227, 214, 246



253, 211, 200

Rectangle

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



192, 224, 206



182, 209, 229



227, 214, 246



251, 208, 222

Sweetspot

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



192, 224, 206



245, 255, 249



224, 217, 192



121, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



192, 224, 206



212, 255, 231



192, 224, 222



101, 112, 106



0, 176, 77



0, 48, 21

Inverse Universe

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



206, 192, 224



231, 212, 255



222, 192, 224



106, 101, 112



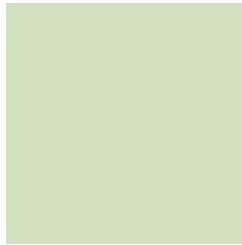
77, 0, 176



21, 0, 48

Previews

White Background



This preview shows how the RYB color 192, 224, 206 looks on a white background.

Color Contrast Check

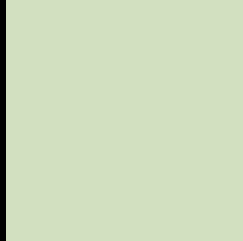
Large Text (above 18pt) WCAG AA × Fail

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, 224, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

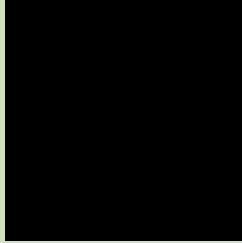
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

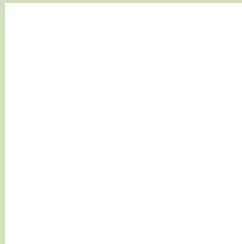
Any Text WCAG AAA ✓ Pass

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

RYB 192, 224, 206 Background



This preview shows how black text looks on a background with the RYB color 192, 224, 206.



This preview shows how white text looks on a background with the RYB color 192, 224, 206.

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](#).

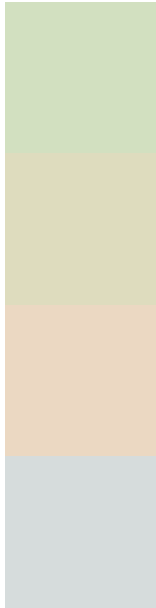
Dichromacy





Tritanopia
216, 218, 235

Trichromacy



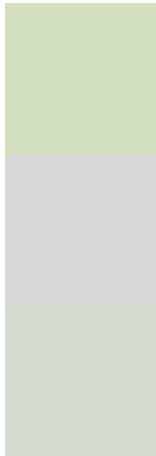
Original Color
192, 224, 206

Protanomaly
192, 222, 190

Deuteranomaly
229, 235, 194

Tritanomaly
214, 217, 220

Monochromacy



Original Color
192, 224, 206

Achromatopsia
216, 216, 216

Achromatomaly
207, 219, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 192, 224, 206 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(210, 224, 192) looks like.

```
.text, #text, p{  
    color:rgb(210, 224, 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(210, 224, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 224, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 224, 206 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(210, 224, 192) }
```

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

```
.border{ border-color:rgb(210, 224, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 224, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 224, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 224, 192);  
box-shadow:4px 4px 4px 4px rgb(210, 224,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 224, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 224, 192) }
```

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

```
.background{ background-color: rgb(210,  
224, 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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