

Converting Colors

`RYB(199, 224, 234)`

Have a look what the booklet for
RYB(199, 224, 234) contains.

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Color

R_YB(199, 224, 234)

Conversions

Conversions Part 1

Format	Color
Hex	C7EAD5
RGB	199, 234, 213
RGB Percent	78%, 92%, 84%
CMY	0.2196, 0.0824, 0.1647
CMYK	0.15, 0.00, 0.09, 0.08
HSL	144°, 45%, 85%
HSV	144°, 15%, 92%
XYZ	64.9862, 75.7918, 74.1549
YIQ	221.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

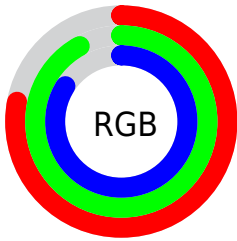
Format	Color
R _{YB}	199, 224, 234
Decimal	13101781
CIE Lab	89.76, -15.39, 6.39
CIE LCh	90, 16.661, 157.464
Yxy	75.7918, 0.3024, 0.3526
Android (android.graphics.Color)	4291291861 (0xFFC7EAD5)
YUV	221.1410, -4.0135, -19.4177
Hunter-Lab	87.0585, -19.1082, 10.4388

Details

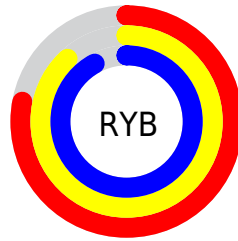
The RYB color **199, 224, 234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234, 199, 220**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **145, 169, 178** is the 20% darker color. If you saturate the color by 10%, you get **176, 218, 234**, and if you desaturate by 10%, it is **222, 230, 234**.

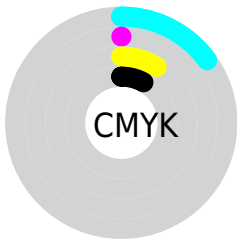
Distribution



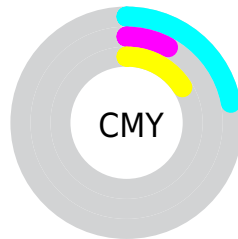
- Red (78%)
- Green (92%)
- Blue (84%)



- Red (78%)
- Yellow (88%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 199, 224, 234 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 199, 224, 234 by changing the saturation by 10% instead.

 199, 224, 234


255, 255, 255

 199, 224, 234

 172, 197, 206

 145, 169, 178

 119, 142, 151

 94, 116, 125

 70, 91, 100

 47, 67, 76

 24, 44, 53

 2, 22, 32

 0, 0, 0

 199, 224, 234

 199, 224, 234

 176, 218, 234


 222, 230, 234


 152, 210, 234


 246, 234, 241


 129, 204, 234


 255, 234, 255

 105, 197, 234

 82, 190, 234

 59, 184, 234

 35, 177, 234

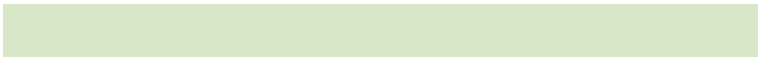
 12, 170, 234

 0, 167, 234

Harmonies

Analogous

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



200, 231, 215



199, 224, 234



187, 213, 235

Triad

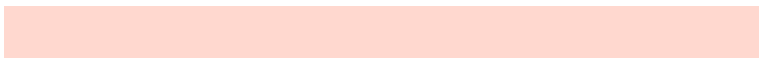
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



199, 224, 234



214, 223, 255



255, 218, 207

Complementary

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



199, 224, 234



234, 199, 220

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, 222



199, 224, 234



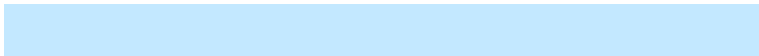
234, 220, 251

Square

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



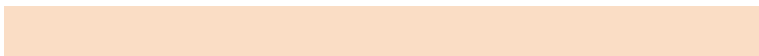
199, 224, 234



195, 218, 255



250, 216, 238



250, 241, 197

Rectangle

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



199, 224, 234



185, 211, 240



250, 216, 238



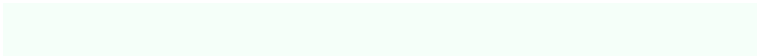
255, 216, 212

Sweetspot

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



199, 224, 234



245, 252, 255



199, 234, 213



121, 126, 128



0, 0, 0



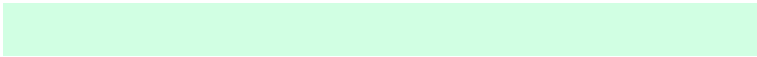
128, 128, 128

Same Dimension

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



199, 224, 234



209, 242, 255



199, 218, 234



106, 114, 117



0, 129, 181



0, 39, 54

Inverse Universe

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



234, 199, 220



255, 209, 237



234, 199, 203



117, 106, 113



181, 0, 109



54, 0, 32

Previews

White Background



This preview shows how the RYB color 199, 224, 234 looks on a white background.

Color Contrast Check

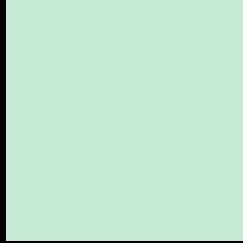
Large Text (above 18pt) WCAG AA × Fail

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 199, 224, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

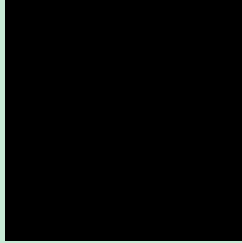
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

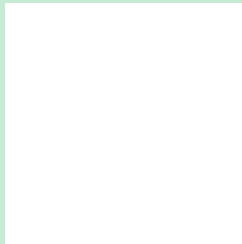
Any Text WCAG AAA ✓ Pass

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

RYB 199, 224, 234 Background



This preview shows how black text looks on a background with the RYB color 199, 224, 234.

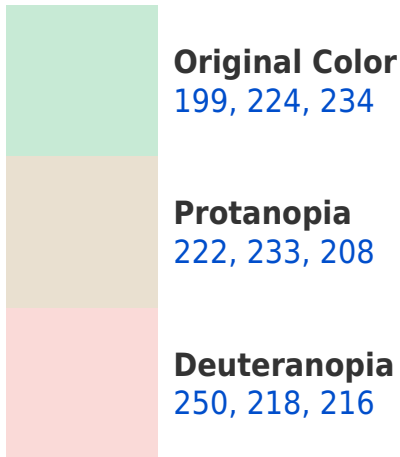


This preview shows how white text looks on a background with the RYB color 199, 224, 234.

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](#).

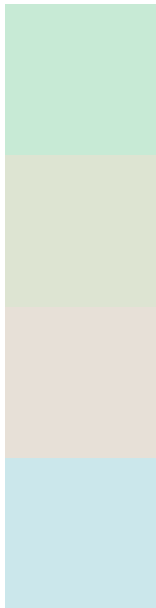
Dichromacy





Tritanopia
205, 220, 247

Trichromacy



Original Color

199, 224, 234

Protanomaly

210, 228, 217

Deuteranomaly

227, 231, 215

Tritanomaly

203, 218, 235

Monochromacy



Original Color

199, 224, 234

Achromatopsia

221, 221, 221

Achromatomaly

213, 222, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 224, 234 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(199, 234, 213) looks like.

```
.text, #text, p{  
    color:rgb(199, 234, 213)  
}
```

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(199, 234, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 234, 213) }
```

Border

The CSS property to change the border of an element to RYB 199, 224, 234 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(199, 234, 213) }
```

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

```
.border{ border-color:rgb(199, 234, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 234, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 234, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 234, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 234,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 199, 224, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 234, 213) }
```

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

```
.background{ background-color: rgb(199,  
234, 213) }
```

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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