

Converting Colors

`RYB(194, 236, 220)`

Have a look what the booklet for
RYB(194, 236, 220) contains.

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Color

R_YB(194, 236, 220)

Conversions

Conversions Part 1

Format	Color
Hex	D2ECC2
RGB	210, 236, 194
RGB Percent	82%, 93%, 76%
CMY	0.1765, 0.0745, 0.2392
CMYK	0.11, 0.00, 0.18, 0.07
HSL	97°, 53%, 84%
HSV	97°, 18%, 93%
XYZ	66.3114, 77.5876, 62.5199
YIQ	223.4380, -2.0140, -18.5740

Conversions

Conversions Part 2

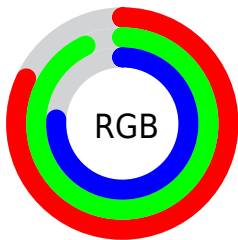
Format	Color
RYB	194, 236, 220
Decimal	13823170
CIELab	90.59, -15.99, 17.55
CIELCh	91, 23.737, 132.338
Yxy	77.5876, 0.3212, 0.3759
Android (android.graphics.Color)	4292013250 (0xFFD2ECC2)
YUV	223.4380, -14.5129, -11.7851
Hunter-Lab	88.0838, -19.7680, 19.5760

Details

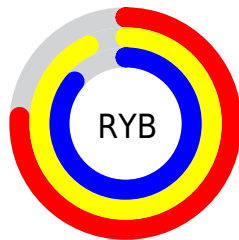
The RYB color **194, 236, 220** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **220, 194, 236**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **251, 255, 251**, and **140, 180, 165** is the 20% darker color. If you saturate the color by 10%, you get **170, 236, 211**, and if you desaturate by 10%, it is **218, 236, 229**.

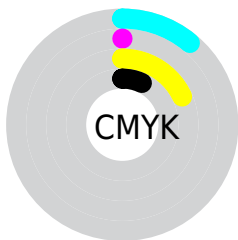
Distribution



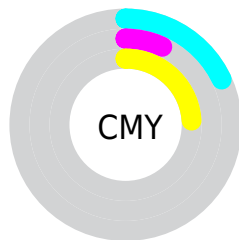
- Red (82%)
- Green (93%)
- Blue (76%)



- Red (76%)
- Yellow (93%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 236, 220 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 194, 236, 220 by changing the saturation by 10% instead.


 194, 236, 220

255, 255, 255


 251, 255, 251

 194, 236, 220

 167, 208, 193


 140, 180, 165


 115, 153, 139

 90, 127, 113

 66, 102, 89

 44, 78, 66

 23, 55, 45

 0, 34, 19

 0, 4, 4

 194, 236, 220

 194, 236, 220

 170, 236, 211

 218, 236, 229

 147, 236, 202

 239, 236, 241

 123, 236, 193

 254, 236, 255

 100, 236, 184

 255, 236, 255

 76, 236, 175

 52, 236, 166

 29, 236, 157

 5, 236, 148

 0, 236, 146

Harmonies

Analogous

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



191, 236, 184



194, 236, 220



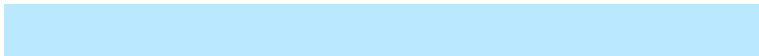
185, 221, 240

Triad

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



194, 236, 220



186, 214, 255



255, 212, 219

Complementary

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



194, 236, 220



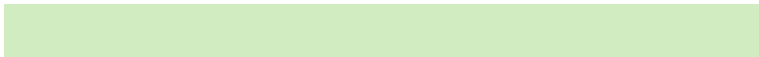
220, 194, 236

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, 214, 242



194, 236, 220



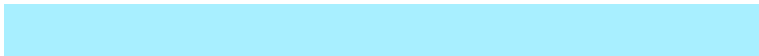
214, 224, 255

Square

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



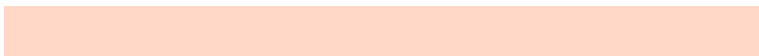
194, 236, 220



168, 207, 255



244, 219, 255



255, 222, 198

Rectangle

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



194, 236, 220



173, 210, 241



244, 219, 255



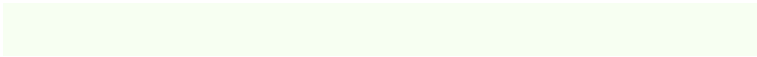
255, 212, 227

Sweetspot

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



194, 236, 220



242, 255, 250



220, 236, 194



120, 128, 125



0, 0, 0



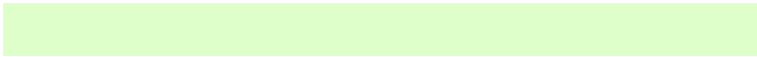
128, 128, 128

Same Dimension

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



194, 236, 220



201, 255, 234



194, 232, 236



106, 117, 113



0, 181, 112



0, 54, 34

Inverse Universe

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



220, 194, 236



235, 201, 255



236, 194, 231



113, 106, 117



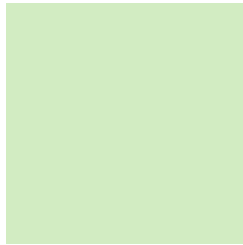
112, 0, 181



33, 0, 54

Previews

White Background



This preview shows how the RYB color 194, 236, 220 looks on a white background.

Color Contrast Check

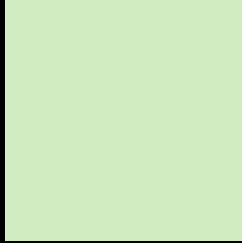
Large Text (above 18pt) WCAG AA × Fail

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 194, 236, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

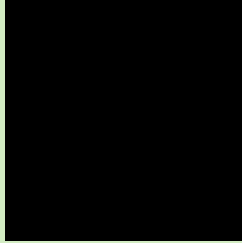
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

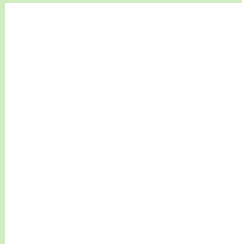
Any Text WCAG AAA ✓ Pass

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

RYB 194, 236, 220 Background



This preview shows how black text looks on a background with the RYB color 194, 236, 220.

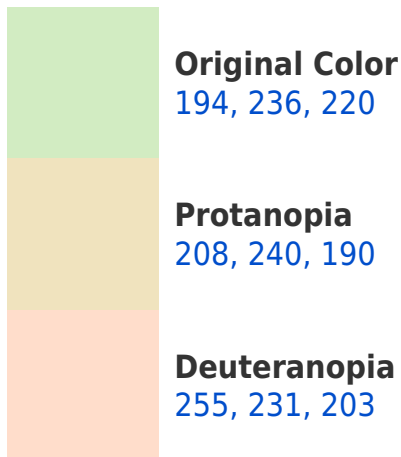


This preview shows how white text looks on a background with the RYB color 194, 236, 220.

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](#).

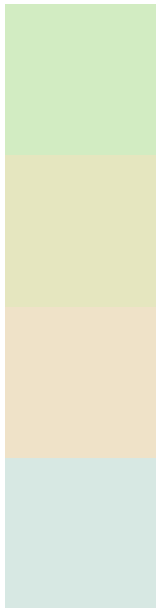
Dichromacy





Tritanopia
218, 226, 247

Trichromacy



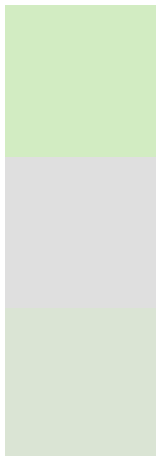
Original Color
194, 236, 220

Protanomaly
191, 230, 192

Deuteranomaly
220, 239, 200

Tritanomaly
215, 225, 232

Monochromacy



Original Color
194, 236, 220

Achromatopsia
223, 223, 223

Achromatomaly
212, 228, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 236, 220 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, 236, 194)` looks like.

```
.text, #text, p{  
    color:rgb(210, 236, 194)  
}
```

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, 236, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 236, 194) }
```

Border

The CSS property to change the border of an element to RYB 194, 236, 220 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, 236, 194) }
```

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

```
.border{ border-color:rgb(210, 236, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 236, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 236, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 236, 194); box-shadow:4px 4px 4px 4px rgb(210, 236, 194) }
```

Background

The CSS property to change the background color of an element to RYB 194, 236, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 236, 194) }
```

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

```
.background{ background-color: rgb(210,  
236, 194) }
```

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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