

Converting Colors

`RYB(193, 227, 244)`

Have a look what the booklet for
RYB(193, 227, 244) contains.

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Color

R_YB(193, 227, 244)

Conversions

Conversions Part 1

Format	Color
Hex	C1F4DB
RGB	193, 244, 219
RGB Percent	76%, 96%, 86%
CMY	0.2431, 0.0431, 0.1431
CMYK	0.21, 0.00, 0.10, 0.04
HSL	150°, 70%, 86%
HSV	150°, 21%, 96%
XYZ	67.0634, 81.1270, 78.7977
YIQ	225.9010, -22.3710, -18.5870

Conversions

Conversions Part 2

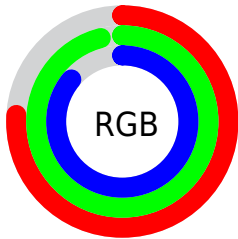
Format	Color
R _{YB}	193, 227, 244
Decimal	12711131
CIE Lab	92.19, -21.20, 6.97
CIE LCh	92, 22.316, 161.802
Yxy	81.1270, 0.2954, 0.3574
Android (android.graphics.Color)	4290901211 (0xFFC1F4DB)
YUV	225.9010, -3.4022, -28.8542
Hunter-Lab	90.0705, -24.7184, 11.1798

Details

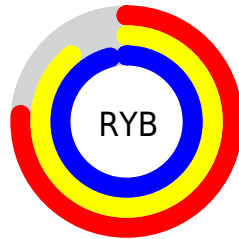
The RYB color **193, 227, 244** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **244, 193, 219**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 250, 253, 255, and **139, 171, 188** is the 20% darker color. If you saturate the color by 10%, you get **169, 219, 244**, and if you desaturate by 10%, it is **217, 235, 244**.

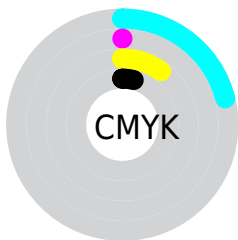
Distribution



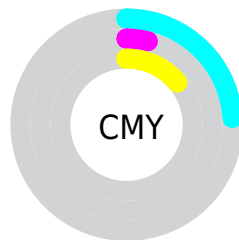
- Red (76%)
- Green (96%)
- Blue (86%)



- Red (76%)
- Yellow (89%)
- Blue (96%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 227, 244 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 193, 227, 244 by changing the saturation by 10% instead.

 193, 227, 244

255, 255, 255


 250, 253, 255

 193, 227, 244

 165, 198, 215

 139, 171, 188

 113, 145, 161


 87, 118, 134

 63, 93, 109

 38, 67, 84

 13, 43, 61

 0, 25, 39

 0, 14, 14

 193, 227, 244

 193, 227, 244

 169, 219, 244


 217, 235, 244


 144, 211, 244


 242, 243, 244


 120, 203, 244

 255, 244, 255

 95, 194, 244

 71, 187, 244

 47, 179, 244

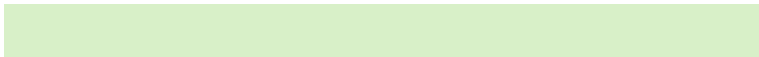
 22, 170, 244

 0, 163, 244

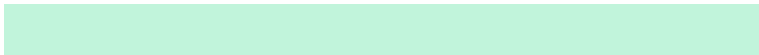
Harmonies

Analogous

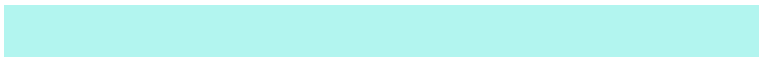
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200, 240, 224



193, 227, 244



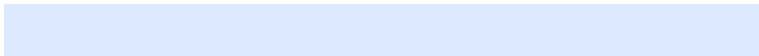
178, 213, 245

Triad

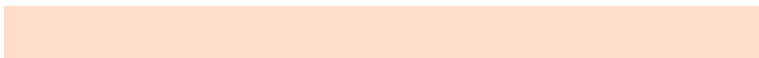
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 227, 244



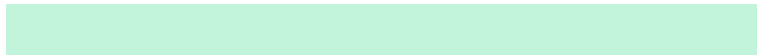
219, 229, 255



255, 229, 205

Complementary

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



193, 227, 244



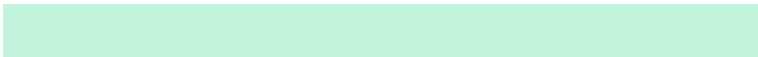
244, 193, 219

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, 218, 225



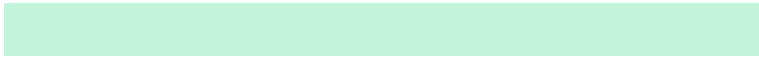
193, 227, 244



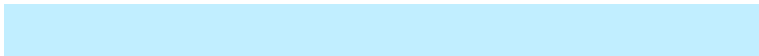
247, 224, 255

Square

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



193, 227, 244



193, 219, 255



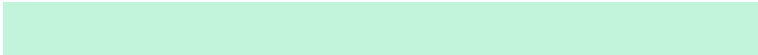
255, 219, 247



242, 255, 192

Rectangle

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



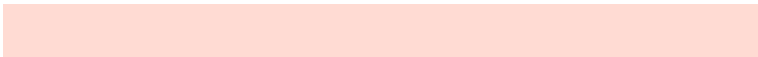
193, 227, 244



175, 212, 254



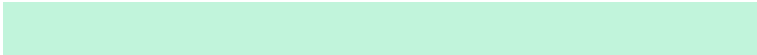
255, 219, 247



255, 221, 211

Sweetspot

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



193, 227, 244



240, 250, 255



193, 244, 218



119, 125, 128



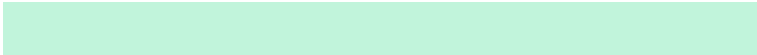
0, 0, 0



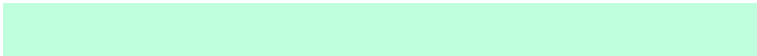
128, 128, 128

Same Dimension

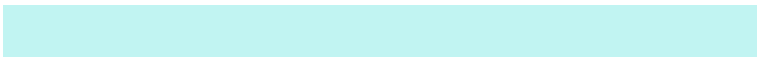
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 227, 244



191, 234, 255



193, 219, 244



110, 118, 122



0, 124, 186



0, 40, 59

Inverse Universe

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



244, 193, 219



255, 191, 223



244, 193, 193



122, 110, 116



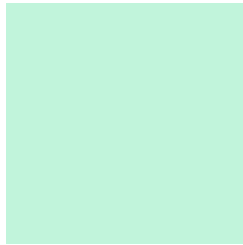
186, 0, 93



59, 0, 29

Previews

White Background



This preview shows how the RYB color 193, 227, 244 looks on a white background.

Color Contrast Check

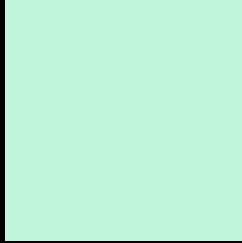
Large Text (above 18pt) WCAG AA × Fail

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 193, 227, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

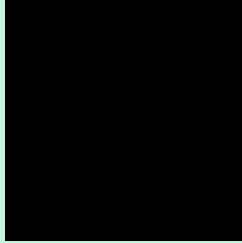
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

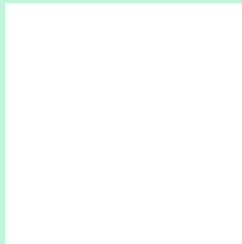
Any Text WCAG AAA ✓ Pass

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

RYB 193, 227, 244 Background



This preview shows how black text looks on a background with the RYB color 193, 227, 244.



This preview shows how white text looks on a background with the RYB color 193, 227, 244.

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





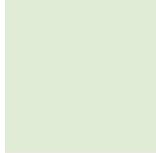
Tritanopia
204, 224, 255

Trichromacy



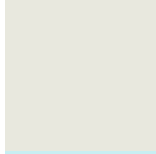
Original Color

193, 227, 244



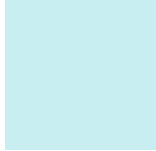
Protanomaly

214, 236, 226



Deuteranomaly

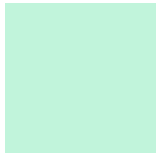
222, 232, 222



Tritanomaly

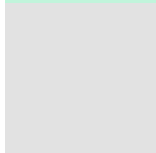
200, 220, 242

Monochromacy



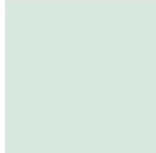
Original Color

193, 227, 244



Achromatopsia

226, 226, 226



Achromatomaly

214, 227, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 227, 244 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(193, 244, 219)` looks like.

```
.text, #text, p{  
    color:rgb(193, 244, 219)  
}
```

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(193, 244, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 244, 219) }
```

Border

The CSS property to change the border of an element to RYB 193, 227, 244 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(193, 244, 219) }
```

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

```
.border{ border-color:rgb(193, 244, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 244, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 244, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 244, 219);  
box-shadow:4px 4px 4px 4px rgb(193, 244,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 193, 227, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 244, 219) }
```

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

```
.background{ background-color: rgb(193,  
244, 219) }
```

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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