

Converting Colors

`RYB(193, 227, 246)`

Have a look what the booklet for
RYB(193, 227, 246) contains.

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Color

R_YB(193, 227, 246)

Conversions

Conversions Part 1

Format	Color
Hex	C1F6DF
RGB	193, 246, 223
RGB Percent	76%, 96%, 87%
CMY	0.2431, 0.0353, 0.1270
CMYK	0.22, 0.00, 0.10, 0.04
HSL	154°, 75%, 86%
HSV	154°, 22%, 96%
XYZ	68.2159, 82.5561, 81.8816
YIQ	227.5310, -24.2050, -18.3890

Conversions

Conversions Part 2

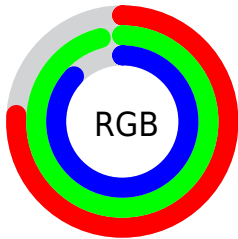
Format	Color
RYB	193, 227, 246
Decimal	12711647
CIELab	92.82, -21.39, 5.75
CIELCh	93, 22.145, 164.962
Yxy	82.5561, 0.2932, 0.3548
Android (android.graphics.Color)	4290901727 (0xFFC1F6DF)
YUV	227.5310, -2.2338, -30.2837
Hunter-Lab	90.8604, -24.9920, 10.1713

Details

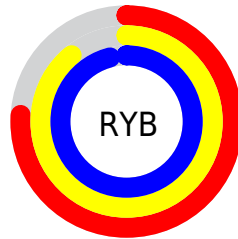
The RYB color **193, 227, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 193, 216**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **250, 253, 255**, and **139, 172, 190** is the 20% darker color. If you saturate the color by 10%, you get **168, 218, 246**, and if you desaturate by 10%, it is **218, 236, 246**.

Distribution



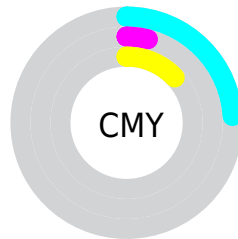
- Red (76%)
- Green (96%)
- Blue (87%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 227, 246 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, 246 by changing the saturation by 10% instead.

 193, 227, 246


255, 255, 255


 250, 253, 255

 193, 227, 246

 165, 198, 217


 139, 172, 190

 112, 144, 162


 87, 118, 136

 62, 92, 110

 38, 68, 86

 11, 42, 62

 0, 25, 40

 0, 18, 18

 193, 227, 246

 193, 227, 246

 168, 218, 246


 218, 236, 246


 144, 209, 246


 242, 245, 246


 119, 200, 246

 255, 246, 255

 95, 192, 246

 70, 183, 246

 45, 174, 246

 21, 165, 246

 0, 158, 246

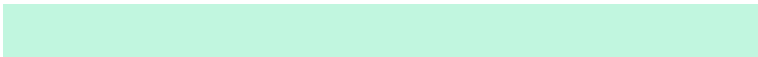
Harmonies

Analogous

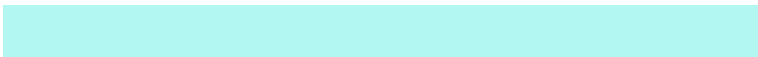
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204, 242, 231



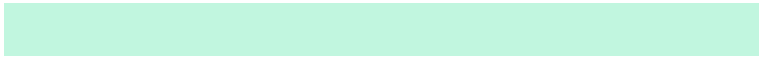
193, 227, 246



179, 214, 247

Triad

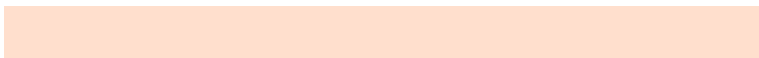
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 227, 246



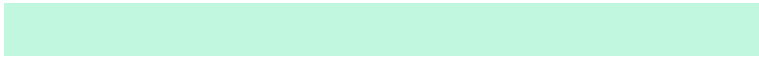
224, 231, 255



255, 233, 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, 246



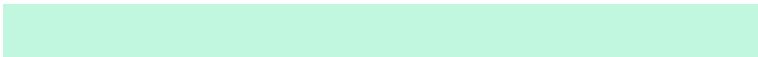
246, 193, 216

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, 220, 224



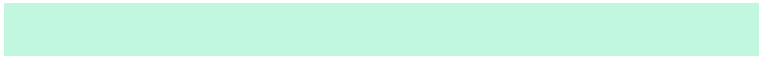
193, 227, 246



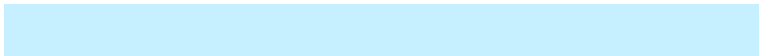
251, 226, 255

Square

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



193, 227, 246



198, 222, 255



255, 221, 246



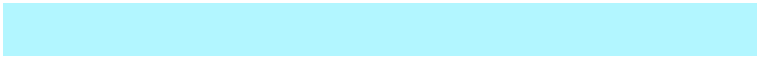
239, 255, 194

Rectangle

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



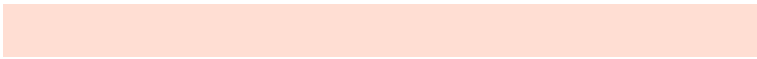
193, 227, 246



178, 214, 255



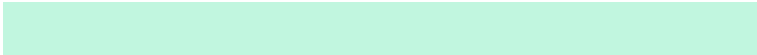
255, 221, 246



255, 226, 211

Sweetspot

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



193, 227, 246



240, 250, 255



193, 246, 222



119, 125, 128



0, 0, 0



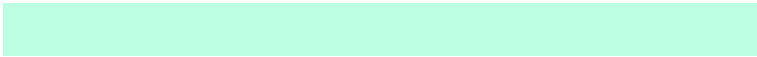
128, 128, 128

Same Dimension

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



193, 227, 246



189, 231, 255



193, 219, 246



110, 118, 122



0, 119, 186



0, 38, 59

Inverse Universe

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



246, 193, 216



255, 189, 218



246, 196, 193



122, 110, 116



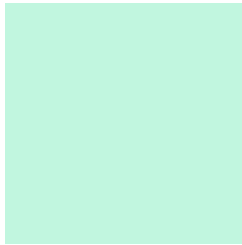
186, 0, 82



59, 0, 26

Previews

White Background



This preview shows how the RYB color 193, 227, 246 looks on a white background.

Color Contrast Check

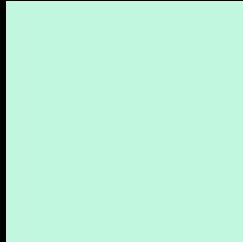
Large Text (above 18pt) WCAG AA × Fail

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, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

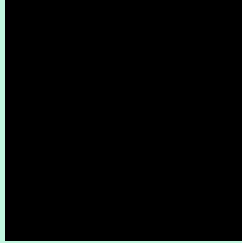
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

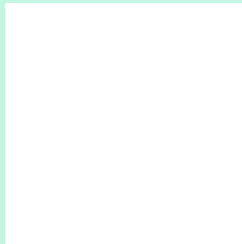
Any Text WCAG AAA ✓ Pass

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

RYB 193, 227, 246 Background



This preview shows how black text looks on a background with the RYB color 193, 227, 246.

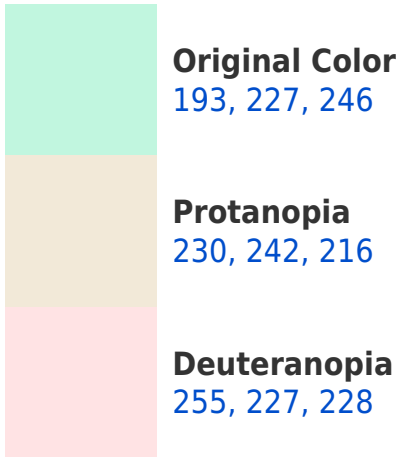


This preview shows how white text looks on a background with the RYB color 193, 227, 246.

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





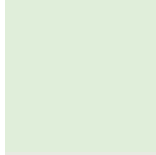
Tritanopia
207, 226, 255

Trichromacy



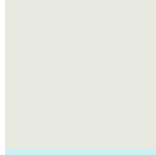
Original Color

193, 227, 246



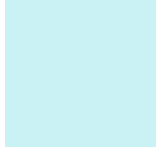
Protanomaly

218, 238, 232



Deuteranomaly

226, 234, 228



Tritanomaly

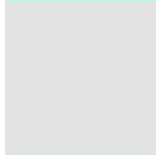
202, 222, 243

Monochromacy



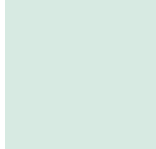
Original Color

193, 227, 246



Achromatopsia

227, 227, 227



Achromatomaly

215, 227, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 227, 246 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, 246, 223)` looks like.

```
.text, #text, p{  
    color:rgb(193, 246, 223)  
}
```

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, 246, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 246, 223) }
```

Border

The CSS property to change the border of an element to RYB 193, 227, 246 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, 246, 223) }
```

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

```
.border{ border-color:rgb(193, 246, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 246, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 246, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 246, 223);  
box-shadow:4px 4px 4px 4px rgb(193, 246,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 193, 227, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 246, 223) }
```

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

```
.background{ background-color: rgb(193,  
246, 223) }
```

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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