

Converting Colors

`RYB(210, 230, 246)`

Have a look what the booklet for RYB(210, 230, 246) contains.

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Color

R_YB(210, 230, 246)

Conversions

Conversions Part 1

Format	Color
Hex	D2F6EF
RGB	210, 246, 239
RGB Percent	82%, 96%, 94%
CMY	0.1765, 0.0353, 0.0635
CMYK	0.15, 0.00, 0.03, 0.04
HSL	168°, 67%, 89%
HSV	168°, 15%, 96%
XYZ	75.0846, 85.8334, 94.1166
YIQ	234.4380, -19.2090, -9.8090

Conversions

Conversions Part 2

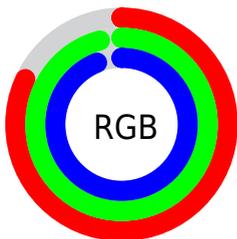
Format	Color
R _{YB}	210, 230, 246
Decimal	13825775
CIE Lab	94.24, -12.97, -0.45
CIE LCh	94, 12.973, 181.968
Yxy	85.8334, 0.2944, 0.3366
Android (android.graphics.Color)	4292015855 (0xFFD2F6EF)
YUV	234.4380, 2.2491, -21.4321
Hunter-Lab	92.6463, -17.4669, 4.6214

Details

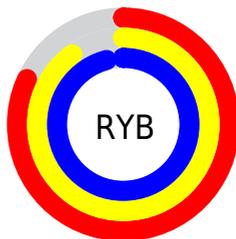
The RYB color **210, 230, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 210, 217**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 174, 190** is the 20% darker color. If you saturate the color by 10%, you get **185, 219, 246**, and if you desaturate by 10%, it is **235, 241, 246**.

Distribution



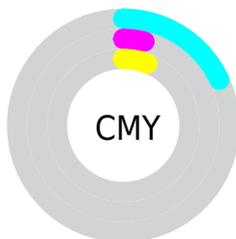
- Red (82%)
- Green (96%)
- Blue (94%)



- Red (82%)
- Yellow (90%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 230, 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 210, 230, 246 by changing the saturation by 10% instead.

■ 210, 230, 246

255, 255, 255

■ 210, 230, 246

■ 182, 202, 218

■ 155, 174, 190

■ 129, 148, 163

■ 103, 121, 136

■ 79, 97, 111

■ 55, 72, 86

■ 32, 49, 63

■ 9, 26, 41

■ 0, 13, 22

 210, 230, 246

 210, 230, 246

 185, 219, 246

 235, 241, 246

 161, 208, 246

 255, 246, 249

 136, 197, 246

 255, 246, 254

 112, 187, 246

 255, 246, 255

 87, 175, 246

 62, 164, 246

 38, 154, 246

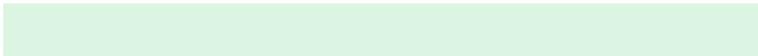
 13, 143, 246

 0, 137, 246

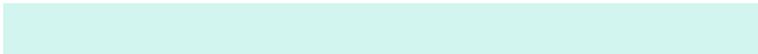
Harmonies

Analogous

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



220, 240, 245



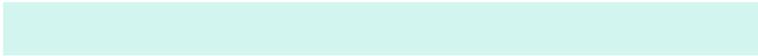
210, 230, 246



207, 227, 251

Triad

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



210, 230, 246



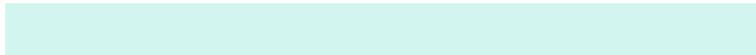
242, 235, 255



255, 248, 217

Complementary

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



210, 230, 246



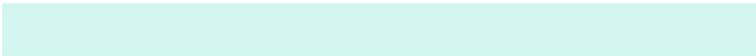
246, 210, 217

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, 232, 226



210, 230, 246



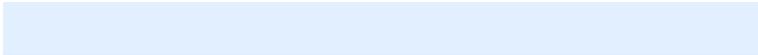
255, 232, 250

Square

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



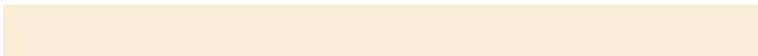
210, 230, 246



226, 235, 255



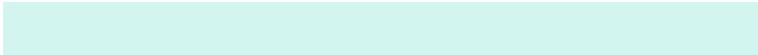
255, 230, 238



228, 248, 214

Rectangle

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



210, 230, 246



210, 229, 255



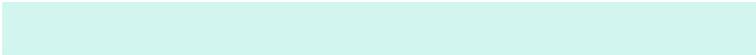
255, 230, 238



255, 242, 219

Sweetspot

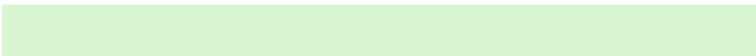
The Sweet Spot groups the original color and five complimentary colors.



210, 230, 246



245, 251, 255



210, 246, 239



121, 125, 128



0, 0, 0



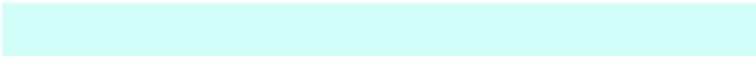
128, 128, 128

Same Dimension

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



210, 230, 246



209, 234, 255



210, 225, 246



110, 117, 122



0, 103, 186



0, 33, 59

Inverse Universe

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



246, 210, 217



255, 209, 218



246, 226, 210



122, 110, 113



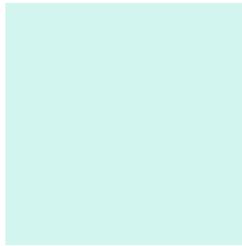
186, 0, 37



59, 0, 12

Previews

White Background



This preview shows how the RYB color 210, 230, 246 looks on a white background.

Color Contrast Check

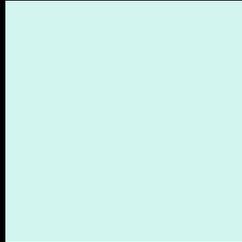
Large Text (above 18pt) WCAG AA × Fail

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 210, 230, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

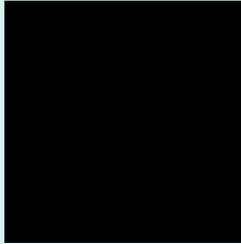
Any Text WCAG AA ✓ Pass

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 210, 230, 246 Background



This preview shows how black text looks on a background with the RYB color 210, 230, 246.



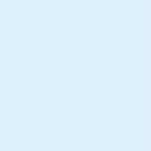
This preview shows how white text looks on a background with the RYB color 210, 230, 246.

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

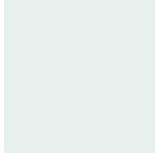
222, 234, 255

Trichromacy



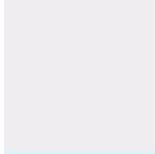
Original Color

210, 230, 246



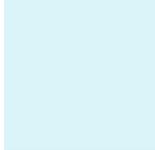
Protanomaly

231, 237, 240



Deuteranomaly

239, 237, 240



Tritanomaly

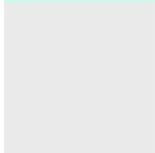
218, 232, 249

Monochromacy



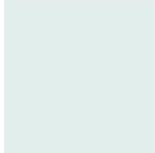
Original Color

210, 230, 246



Achromatopsia

234, 234, 234



Achromatomaly

225, 232, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 230, 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(210, 246, 239)` looks like.

```
.text, #text, p{  
    color:rgb(210, 246, 239)  
}
```

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, 246, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 246, 239) }
```

Border

The CSS property to change the border of an element to RYB 210, 230, 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(210, 246, 239) }
```

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

```
.border{ border-color:rgb(210, 246, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 246, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 246, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 246, 239);  
box-shadow:4px 4px 4px 4px rgb(210, 246,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 210, 230, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 246, 239) }
```

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

```
.background{ background-color: rgb(210,  
246, 239) }
```

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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