

Converting Colors

RYB(210, 233, 242)

Have a look what the booklet for
RYB(210, 233, 242) contains.

| | |
|--|----|
| RYB(210, 233, 242) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

R_YB(210, 233, 242)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | D2F2DF |
| RGB | 210, 242, 223 |
| RGB Percent | 82%, 95%, 87% |
| CMY | 0.1765, 0.0510, 0.1274 |
| CMYK | 0.13, 0.00, 0.08, 0.05 |
| HSL | 143°, 55%, 89% |
| HSV | 143°, 13%, 95% |
| XYZ | 71.5853, 82.5078, 81.6271 |
| YIQ | 230.2660, -12.9730, -12.6930 |

Conversions

Conversions Part 2

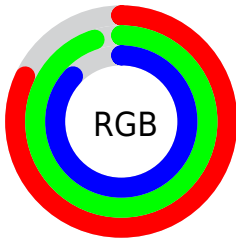
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 210, 233, 242 |
| Decimal | 13824735 |
| CIE _{Lab} | 92.80, -14.04, 5.90 |
| CIE _{LCh} | 93, 15.231, 157.218 |
| Yxy | 82.5078, 0.3037, 0.3500 |
| Android (android.graphics.Color) | 4292014815 (0xFFD2F2DF) |
| YUV | 230.2660, -3.5821, -17.7733 |
| Hunter-Lab | 90.8338, -18.2849, 10.3032 |

Details

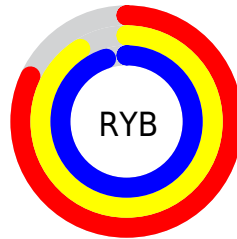
The RYB color **210, 233, 242** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 210, 229**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 177, 186** is the 20% darker color. If you saturate the color by 10%, you get **186, 226, 242**, and if you desaturate by 10%, it is **234, 240, 242**.

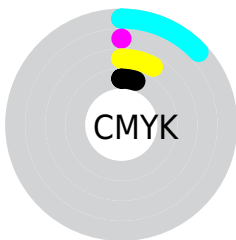
Distribution



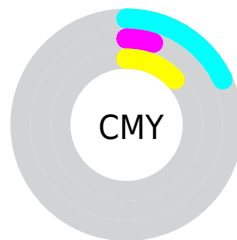
- Red (82%)
- Green (95%)
- Blue (87%)



- Red (82%)
- Yellow (91%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 233, 242 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, 233, 242 by changing the saturation by 10% instead.

210, 233, 242

255, 255, 255

210, 233, 242

182, 205, 214

155, 177, 186

129, 150, 159

104, 125, 133

79, 99, 107

56, 75, 83

34, 52, 60

12, 29, 38

0, 17, 17

 210, 233, 242

 210, 233, 242

 186, 226, 242

 234, 240, 242


 162, 220, 242


 255, 242, 252


 137, 213, 242


 255, 242, 255

 113, 205, 242

 89, 199, 242

 65, 192, 242

 41, 186, 242

 16, 178, 242

 0, 174, 242

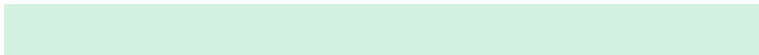
Harmonies

Analogous

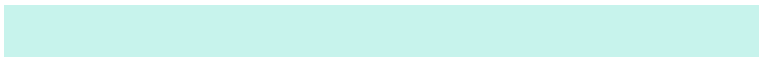
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211, 239, 224



210, 233, 242



199, 223, 243

Triad

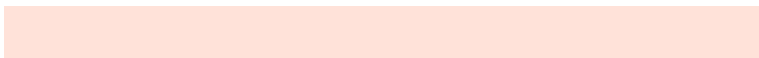
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 233, 242



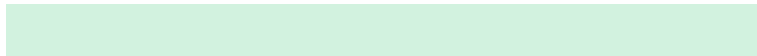
223, 231, 255



255, 229, 217

Complementary

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



210, 233, 242



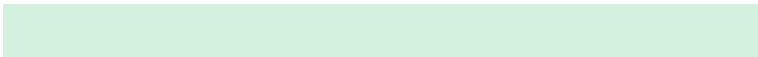
242, 210, 229

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, 224, 231



210, 233, 242



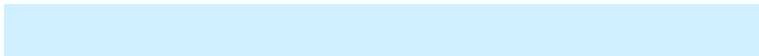
242, 229, 255

Square

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



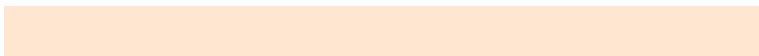
210, 233, 242



207, 226, 255



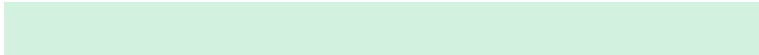
255, 226, 246



255, 249, 208

Rectangle

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



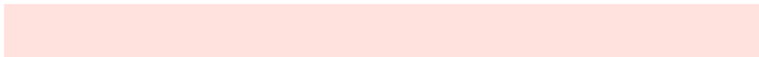
210, 233, 242



197, 221, 247



255, 226, 246



255, 225, 222

Sweetspot

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



210, 233, 242



245, 252, 255



210, 242, 222



121, 126, 128



0, 0, 0



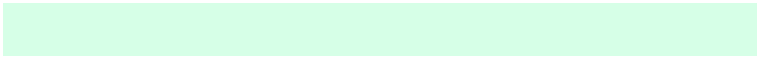
128, 128, 128

Same Dimension

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



210, 233, 242



214, 243, 255



210, 227, 242



108, 116, 120



0, 132, 184



0, 40, 56

Inverse Universe

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



242, 210, 229



255, 214, 239



242, 210, 214



120, 108, 115



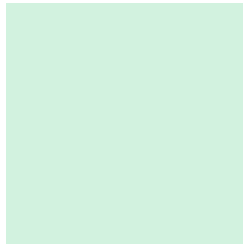
184, 0, 112



56, 0, 34

Previews

White Background



This preview shows how the RYB color 210, 233, 242 looks on a white background.

Color Contrast Check

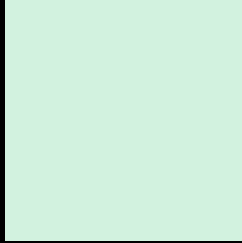
Large Text (above 18pt) WCAG AA × Fail

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, 233, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

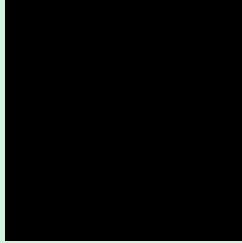
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

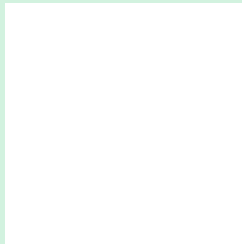
Any Text WCAG AAA ✓ Pass

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

RYB 210, 233, 242 Background



This preview shows how black text looks on a background with the RYB color 210, 233, 242.



This preview shows how white text looks on a background with the RYB color 210, 233, 242.

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](#).

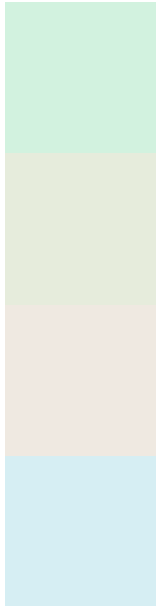
Dichromacy





Tritanopia
217, 230, 255

Trichromacy



Original Color
210, 233, 242

Protanomaly
220, 236, 226

Deuteranomaly
236, 239, 225

Tritanomaly
214, 227, 243

Monochromacy



Original Color
210, 233, 242

Achromatopsia
230, 230, 230

Achromatomaly
223, 231, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 233, 242 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, 242, 223)` looks like.

```
.text, #text, p{  
    color:rgb(210, 242, 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(210, 242, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 242, 223) }
```

Border

The CSS property to change the border of an element to RYB 210, 233, 242 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, 242, 223) }
```

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

```
.border{ border-color:rgb(210, 242, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 242, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 242, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 242, 223);  
box-shadow:4px 4px 4px 4px rgb(210, 242,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 210, 233, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 242, 223) }
```

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

```
.background{ background-color: rgb(210,  
242, 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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