

Converting Colors

`RYB(221, 233, 250)`

Have a look what the booklet for RYB(221, 233, 250) contains.

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Color

R_YB(221, 233, 250)

Conversions

Conversions Part 1

Format	Color
Hex	DDF1FA
RGB	221, 241, 250
RGB Percent	87%, 95%, 98%
CMY	0.1333, 0.0531, 0.0196
CMYK	0.12, 0.03, 0.00, 0.02
HSL	198°, 74%, 92%
HSV	198°, 12%, 98%
XYZ	78.6689, 85.4638, 102.7924
YIQ	236.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

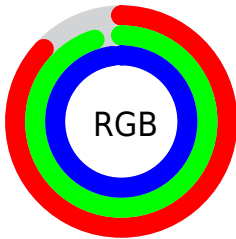
Format	Color
R _Y B	221, 233, 250
Decimal	14545402
CIE Lab	94.08, -5.04, -6.40
CIE LCh	94, 8.148, 231.776
Yxy	85.4638, 0.2947, 0.3202
Android (android.graphics.Color)	4292735482 (0xFFDDDF1FA)
YUV	236.0460, 6.8793, -13.1953
Hunter-Lab	92.4467, -9.8843, -1.2125

Details

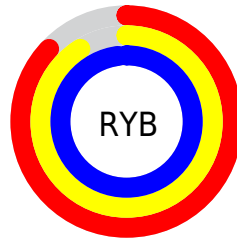
The RYB color **221, 233, 250** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **250, 234, 221**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 177, 194** is the 20% darker color. If you saturate the color by 10%, you get **196, 218, 250**, and if you desaturate by 10%, it is **246, 248, 250**.

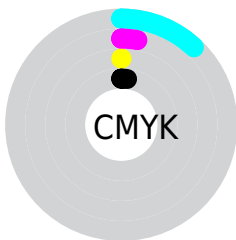
Distribution



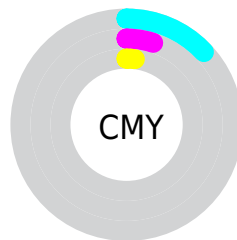
- Red (87%)
- Green (95%)
- Blue (98%)



- Red (87%)
- Yellow (91%)
- Blue (98%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 233, 250 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 221, 233, 250 by changing the saturation by 10% instead.

■ 221, 233, 250

255, 255, 255

■ 221, 233, 250

■ 193, 205, 221

■ 166, 177, 194

■ 139, 150, 166

■ 114, 125, 140

■ 89, 100, 115

■ 65, 75, 90

■ 42, 52, 67

■ 21, 31, 45

■ 0, 10, 24

■ 221, 233, 250

■ 221, 233, 250

■ 196, 218, 250

■ 246, 248, 250

■ 171, 204, 250

■ 250, 255, 250

■ 146, 189, 250

■ 121, 174, 250

■ 96, 160, 250

■ 71, 145, 250

■ 46, 130, 250

■ 21, 116, 250

■ 0, 103, 250

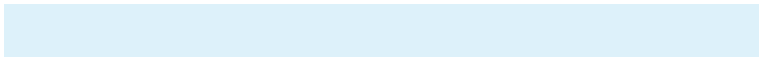
Harmonies

Analogous

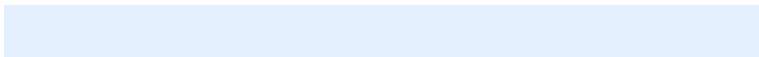
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 231, 243



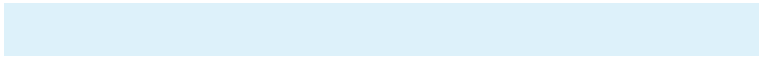
221, 233, 250



228, 236, 253

Triad

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



221, 233, 250



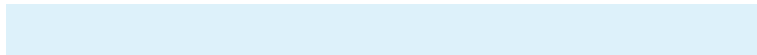
253, 233, 240



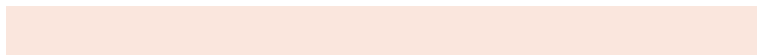
223, 239, 224

Complementary

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



221, 233, 250



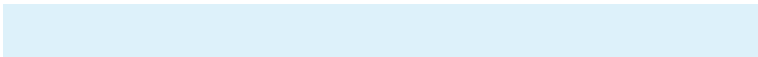
250, 234, 221

Split Complementary

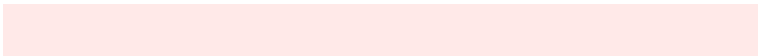
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 247, 223



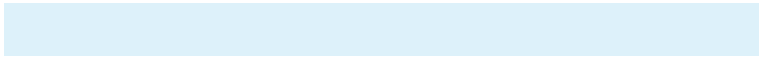
221, 233, 250



255, 233, 232

Square

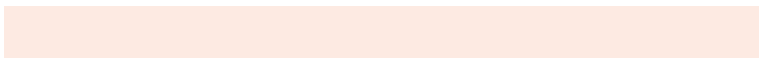
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



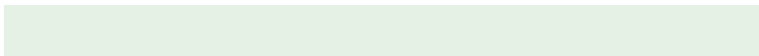
221, 233, 250



246, 234, 248



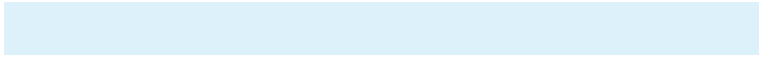
253, 237, 226



228, 241, 240

Rectangle

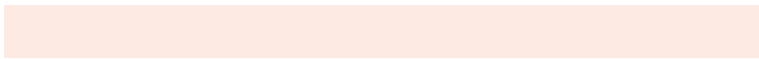
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221, 233, 250



234, 237, 253



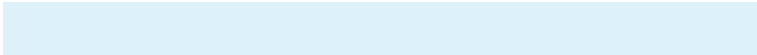
253, 237, 226



227, 241, 223

Sweetspot

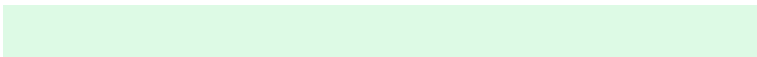
The Sweet Spot groups the original color and five complimentary colors.



221, 233, 250



247, 250, 255



221, 244, 250



122, 124, 128



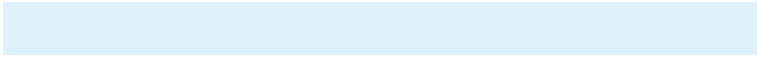
0, 0, 0



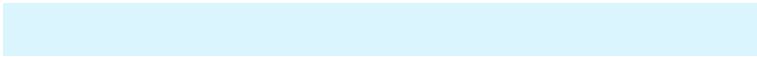
128, 128, 128

Same Dimension

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



221, 233, 250



219, 234, 255



221, 226, 250



112, 117, 125



0, 78, 189



0, 25, 61

Inverse Universe

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



250, 221, 241



255, 219, 244



229, 250, 221



125, 112, 121



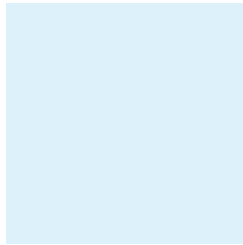
189, 0, 133



61, 0, 43

Previews

White Background



This preview shows how the RYB color 221, 233, 250 looks on a white background.

Color Contrast Check

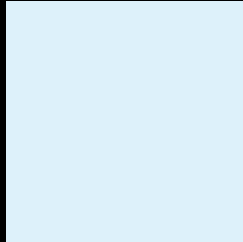
Large Text (above 18pt) WCAG AA × Fail

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 221, 233, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

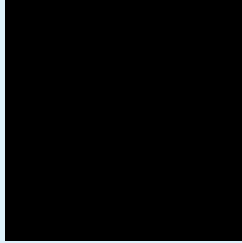
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

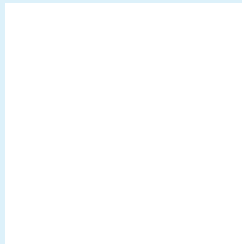
Any Text WCAG AAA ✓ Pass

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

RYB 221, 233, 250 Background



This preview shows how black text looks on a background with the RYB color 221, 233, 250.



This preview shows how white text looks on a background with the RYB color 221, 233, 250.

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

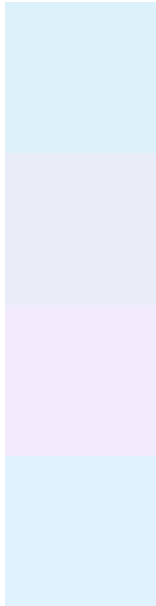




Tritanopia

226, 235, 255

Trichromacy



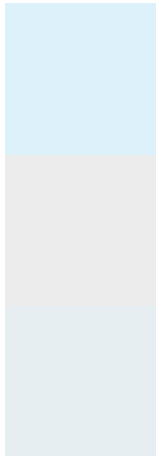
Original Color
221, 233, 250

Protanomaly
232, 236, 248

Deuteranomaly
242, 235, 251

Tritanomaly
224, 235, 253

Monochromacy



Original Color
221, 233, 250

Achromatopsia
236, 236, 236

Achromatomaly
231, 235, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 233, 250 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(221, 241, 250)` looks like.

```
.text, #text, p{  
    color:rgb(221, 241, 250)  
}
```

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(221, 241, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 241, 250) }
```

Border

The CSS property to change the border of an element to RYB 221, 233, 250 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(221, 241, 250) }
```

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

```
.border{ border-color:rgb(221, 241, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 241, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 241, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 241, 250);  
box-shadow:4px 4px 4px 4px rgb(221, 241,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 221, 233, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 241, 250) }
```

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

```
.background{ background-color: rgb(221,  
241, 250) }
```

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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