

Converting Colors

`RYB(213, 233, 247)`

Have a look what the booklet for RYB(213, 233, 247) contains.

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Color

R_YB(213, 233, 247)

Conversions

Conversions Part 1

Format	Color
Hex	D5F7ED
RGB	213, 247, 237
RGB Percent	84%, 97%, 93%
CMY	0.1647, 0.0314, 0.0714
CMYK	0.14, 0.00, 0.04, 0.03
HSL	162°, 68%, 90%
HSV	162°, 14%, 97%
XYZ	75.9582, 86.7704, 92.7126
YIQ	235.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

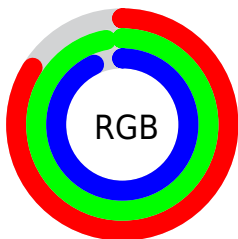
Format	Color
RYB	213, 233, 247
Decimal	14022637
CIELab	94.64, -12.90, 1.20
CIELCh	95, 12.958, 174.705
Yxy	86.7704, 0.2974, 0.3397
Android (android.graphics.Color)	4292212717 (0xFFD5F7ED)
YUV	235.6940, 0.6439, -19.9026
Hunter-Lab	93.1506, -17.4587, 6.1943

Details

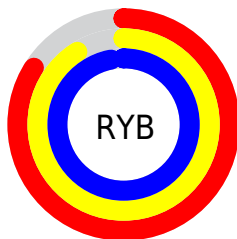
The RYB color **213, 233, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 213, 223**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 177, 191** is the 20% darker color. If you saturate the color by 10%, you get **188, 223, 247**, and if you desaturate by 10%, it is **238, 243, 247**.

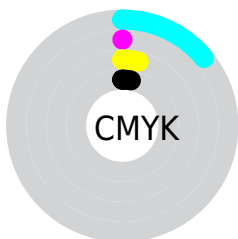
Distribution



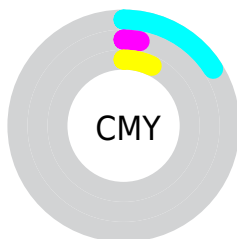
- Red (84%)
- Green (97%)
- Blue (93%)



- Red (84%)
- Yellow (91%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 233, 247 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 213, 233, 247 by changing the saturation by 10% instead.

■ 213, 233, 247

255, 255, 255

■ 213, 233, 247

■ 185, 204, 218

■ 158, 177, 191

■ 132, 151, 164

■ 106, 124, 137

■ 82, 100, 112

■ 58, 75, 87

■ 35, 52, 64

■ 13, 29, 42

■ 0, 14, 22

213, 233, 247

213, 233, 247

188, 223, 247

238, 243, 247

164, 213, 247

255, 247, 252

139, 202, 247

255, 247, 255

114, 192, 247

90, 182, 247

65, 172, 247

40, 162, 247

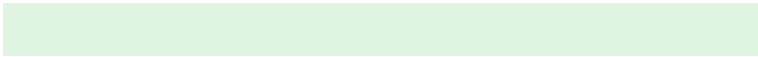
15, 151, 247

0, 145, 247

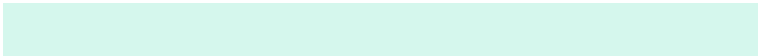
Harmonies

Analogous

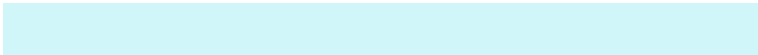
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224, 244, 245



213, 233, 247



208, 228, 250

Triad

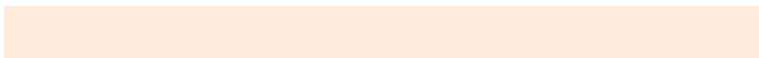
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213, 233, 247



239, 237, 255



255, 243, 220

Complementary

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



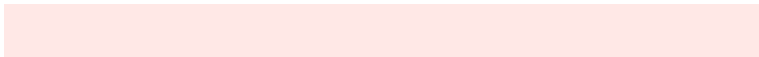
213, 233, 247



247, 213, 223

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, 230



213, 233, 247



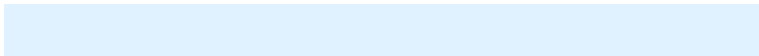
254, 233, 254

Square

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



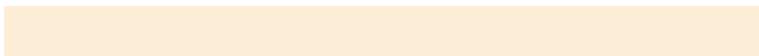
213, 233, 247



224, 235, 255



255, 231, 242



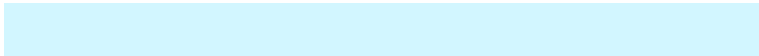
238, 252, 215

Rectangle

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



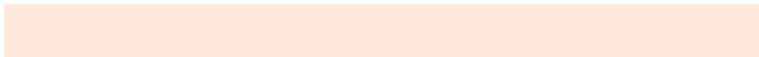
213, 233, 247



210, 230, 255



255, 231, 242



255, 239, 222

Sweetspot

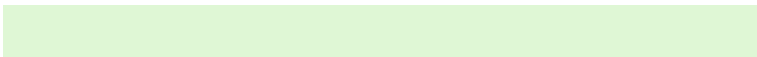
The Sweet Spot groups the original color and five complimentary colors.



213, 233, 247



245, 251, 255



213, 247, 237



121, 125, 128



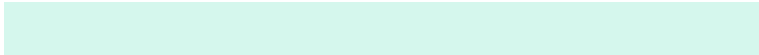
0, 0, 0



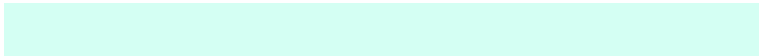
128, 128, 128

Same Dimension

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



213, 233, 247



212, 237, 255



213, 228, 247



110, 117, 122



0, 109, 186



0, 35, 59

Inverse Universe

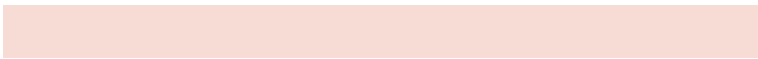
The Inverse Universe completely reimagines the original color for something new.



247, 213, 223



255, 212, 225



247, 222, 213



122, 110, 114



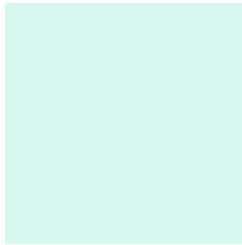
186, 0, 56



59, 0, 18

Previews

White Background



This preview shows how the RYB color 213, 233, 247 looks on a white background.

Color Contrast Check

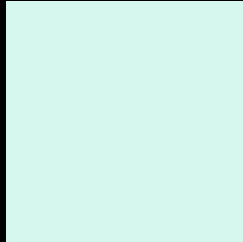
Large Text (above 18pt) WCAG AA × Fail

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 213, 233, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

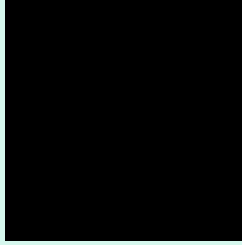
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

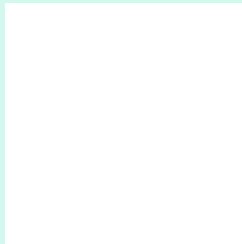
Any Text WCAG AAA ✓ Pass

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

RYB 213, 233, 247 Background



This preview shows how black text looks on a background with the RYB color 213, 233, 247.



This preview shows how white text looks on a background with the RYB color 213, 233, 247.

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](#).

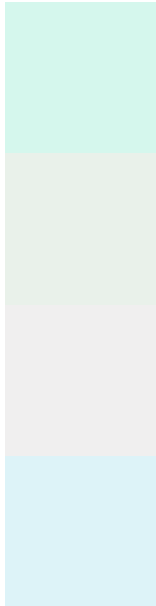
Dichromacy





Tritanopia
225, 236, 255

Trichromacy



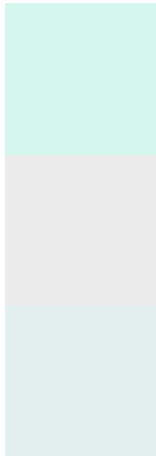
Original Color
213, 233, 247

Protanomaly
233, 240, 241

Deuteranomaly
240, 239, 239

Tritanomaly
221, 233, 248

Monochromacy



Original Color
213, 233, 247

Achromatopsia
236, 236, 236

Achromatomaly
228, 235, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 233, 247 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(213, 247, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 247, 237)  
}
```

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(213, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 247, 237) }
```

Border

The CSS property to change the border of an element to RYB 213, 233, 247 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(213, 247, 237) }
```

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

```
.border{ border-color:rgb(213, 247, 237) }
```

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

Here you see how a box with a 4 pixel rgb(213, 247, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 247,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 213, 233, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 247, 237) }
```

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

```
.background{ background-color: rgb(213,  
247, 237) }
```

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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