

Converting Colors

`RYB(213, 221, 227)`

Have a look what the booklet for
RYB(213, 221, 227) contains.

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Color

R_{YB}(213, 221, 227)

Conversions

Conversions Part 1

Format	Color
Hex	D5E3E0
RGB	213, 227, 224
RGB Percent	84%, 89%, 88%
CMY	0.1647, 0.1098, 0.1235
CMYK	0.06, 0.00, 0.02, 0.11
HSL	165°, 20%, 86%
HSV	165°, 6%, 89%
XYZ	68.2965, 74.4390, 80.9346
YIQ	222.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

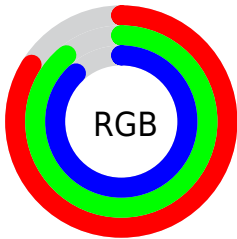
Format	Color
R _Y B	213, 221, 227
Decimal	14017504
CIE Lab	89.13, -5.30, 0.09
CIE LCh	89, 5.305, 179.058
Yxy	74.4390, 0.3053, 0.3328
Android (android.graphics.Color)	4292207584 (0xFFD5E3E0)
YUV	222.4720, 0.7533, -8.3069
Hunter-Lab	86.2781, -9.6886, 4.7767

Details

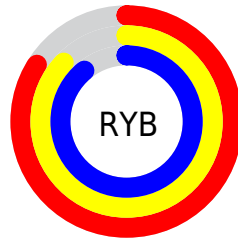
The RYB color **213, 221, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 213, 217**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 166, 172** is the 20% darker color. If you saturate the color by 10%, you get **190, 211, 227**, and if you desaturate by 10%, it is **236, 227, 229**.

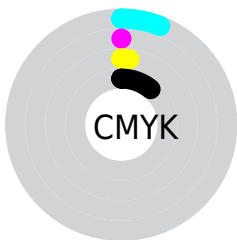
Distribution



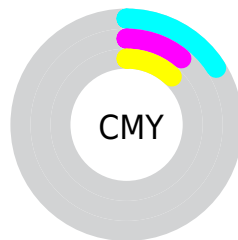
- Red (84%)
- Green (89%)
- Blue (88%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 221, 227 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, 221, 227 by changing the saturation by 10% instead.

■ 213, 221, 227

255, 255, 255

■ 213, 221, 227

■ 185, 193, 199

■ 158, 166, 172

■ 132, 139, 145

■ 107, 114, 119

■ 83, 90, 95

■ 60, 66, 71

■ 38, 44, 49

■ 17, 23, 28

■ 0, 0, 0

 213, 221, 227

 213, 221, 227

 190, 211, 227


 236, 227, 229

 168, 202, 227


 255, 227, 235

 145, 192, 227


 255, 227, 241

 122, 182, 227


 255, 227, 246


 100, 173, 227

 255, 227, 252

 77, 163, 227

 255, 227, 255

 54, 153, 227

 31, 143, 227

 9, 134, 227

Harmonies

Analogous

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



217, 224, 226



213, 221, 227



212, 220, 229

Triad

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



213, 221, 227



225, 223, 233



233, 226, 215

Complementary

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



213, 221, 227



227, 213, 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.



235, 221, 219



213, 221, 227



231, 221, 229

Square

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



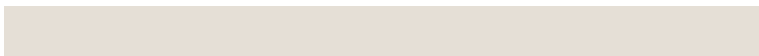
213, 221, 227



219, 223, 234



234, 221, 224



224, 229, 214

Rectangle

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



213, 221, 227



213, 221, 231



234, 221, 224



234, 223, 216

Sweetspot

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



213, 221, 227



250, 253, 255



213, 227, 223



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 221, 227



237, 247, 255



213, 219, 227



106, 111, 115



0, 102, 179



0, 29, 51

Inverse Universe

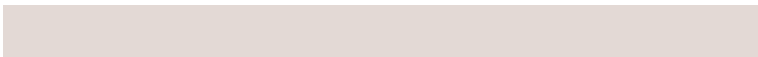
The Inverse Universe completely reimagines the original color for something new.



227, 213, 217



255, 237, 242



227, 219, 213



115, 106, 108



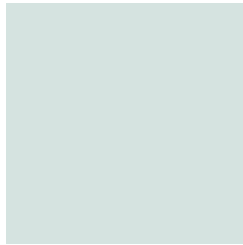
179, 0, 45



51, 0, 13

Previews

White Background



This preview shows how the RYB color 213, 221, 227 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, 221, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

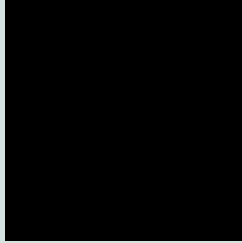
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

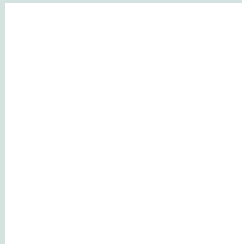
Any Text WCAG AAA ✓ Pass

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

RYB 213, 221, 227 Background



This preview shows how black text looks on a background with the RYB color 213, 221, 227.



This preview shows how white text looks on a background with the RYB color 213, 221, 227.

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](#).

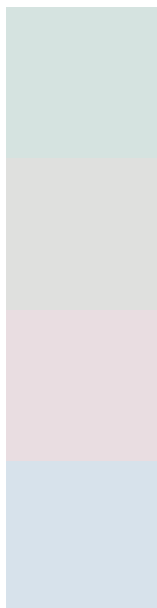
Dichromacy





Tritanopia
216, 222, 242

Trichromacy



Original Color

213, 221, 227

Protanomaly

222, 224, 223

Deuteranomaly

233, 221, 225

Tritanomaly

215, 222, 235

Monochromacy



Original Color

213, 221, 227

Achromatopsia

222, 222, 222

Achromatomaly

219, 222, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 221, 227 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, 227, 224) looks like.

```
.text, #text, p{  
    color:rgb(213, 227, 224)  
}
```

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, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 227, 224) }
```

Border

The CSS property to change the border of an element to RYB 213, 221, 227 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, 227, 224) }
```

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

```
.border{ border-color:rgb(213, 227, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 227,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 213, 221, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 227, 224) }
```

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

```
.background{ background-color: rgb(213,  
227, 224) }
```

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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