

Converting Colors

`RYB(221, 232, 241)`

Have a look what the booklet for RYB(221, 232, 241) contains.

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Color

R_YB(221, 232, 241)

Conversions

Conversions Part 1

Format	Color
Hex	DDF1ED
RGB	221, 241, 237
RGB Percent	87%, 95%, 93%
CMY	0.1333, 0.0549, 0.0692
CMYK	0.08, 0.00, 0.02, 0.05
HSL	169°, 42%, 91%
HSV	169°, 8%, 95%
XYZ	76.6134, 84.4184, 92.6560
YIQ	234.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

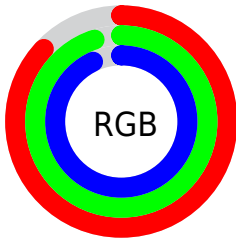
Format	Color
R _Y B	221, 232, 241
Decimal	14545389
CIE Lab	93.63, -7.22, -0.51
CIE LCh	94, 7.242, 183.999
Yxy	84.4184, 0.3020, 0.3328
Android (android.graphics.Color)	4292735469 (0xFFDDDF1ED)
YUV	234.5640, 1.2009, -11.8956
Hunter-Lab	91.8795, -11.9477, 4.5246

Details

The RYB color **221, 232, 241** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **241, 221, 225**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 177, 185** is the 20% darker color. If you saturate the color by 10%, you get **197, 221, 241**, and if you desaturate by 10%, it is **245, 241, 242**.

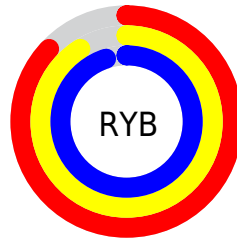
Distribution



Red (87%)

Green (95%)

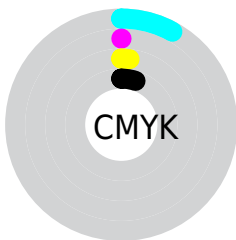
Blue (93%)



Red (87%)

Yellow (91%)

Blue (95%)

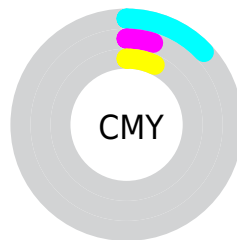


Cyan (8%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (13%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 232, 241 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, 232, 241 by changing the saturation by 10% instead.

■ 221, 232, 241

255, 255, 255

■ 221, 232, 241

■ 193, 204, 213

■ 166, 176, 185

■ 139, 149, 158

■ 114, 124, 132

■ 89, 99, 107

■ 66, 75, 83

■ 43, 52, 59

■ 22, 31, 38

■ 0, 9, 17

 221, 232, 241

 221, 232, 241

 197, 221, 241

 245, 241, 242

 173, 210, 241


 255, 241, 246


 149, 200, 241


 255, 241, 251


 125, 189, 241


 255, 241, 255

 101, 178, 241

 76, 167, 241

 52, 156, 241

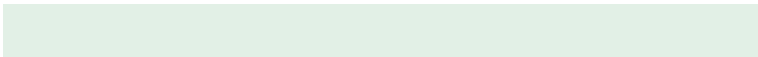
 28, 145, 241

 4, 134, 241

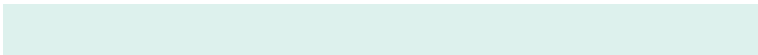
Harmonies

Analogous

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



226, 237, 240



221, 232, 241



220, 231, 244

Triad

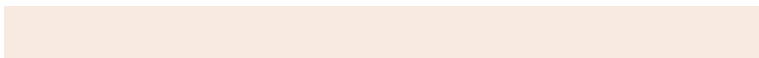
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 232, 241



239, 235, 248



248, 241, 224

Complementary

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



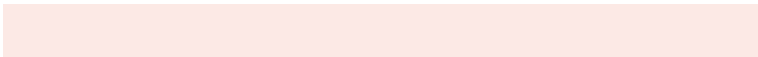
221, 232, 241



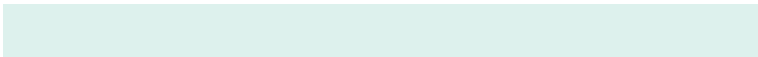
241, 221, 225

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.



252, 234, 229



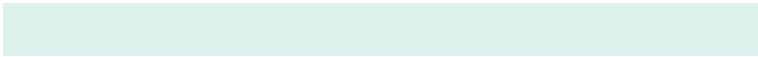
221, 232, 241



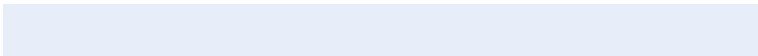
247, 233, 243

Square

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



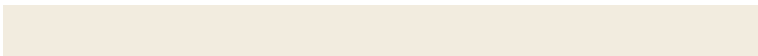
221, 232, 241



231, 236, 250



251, 232, 236



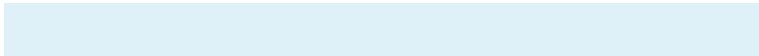
232, 242, 223

Rectangle

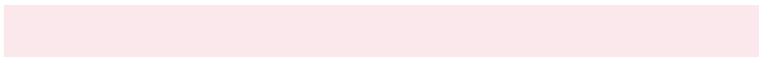
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



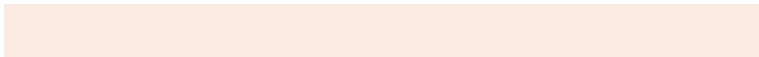
221, 232, 241



222, 233, 248



251, 232, 236



250, 238, 226

Sweetspot

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



221, 232, 241



250, 253, 255



221, 241, 237



125, 127, 128



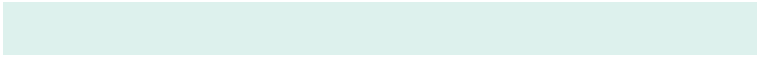
0, 0, 0



128, 128, 128

Same Dimension

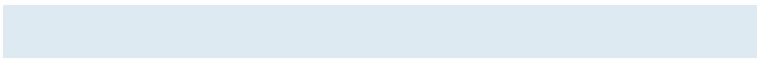
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 232, 241



230, 244, 255



221, 229, 241



108, 115, 120



0, 101, 184



0, 31, 56

Inverse Universe

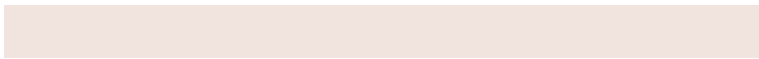
The Inverse Universe completely reimagines the original color for something new.



241, 221, 225



255, 230, 234



241, 230, 221



120, 108, 110



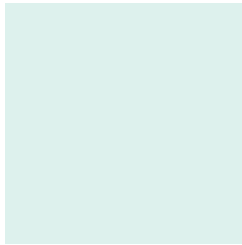
184, 0, 33



56, 0, 10

Previews

White Background



This preview shows how the RYB color 221, 232, 241 looks on a white background.

Color Contrast Check

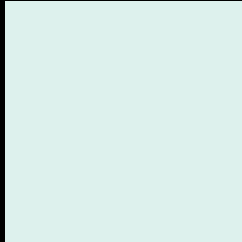
Large Text (above 18pt) WCAG AA × Fail

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, 232, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

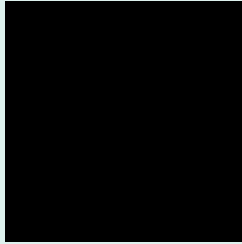
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

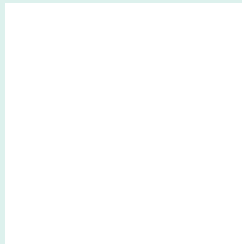
Any Text WCAG AAA ✓ Pass

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

RYB 221, 232, 241 Background



This preview shows how black text looks on a background with the RYB color 221, 232, 241.



This preview shows how white text looks on a background with the RYB color 221, 232, 241.

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](#).

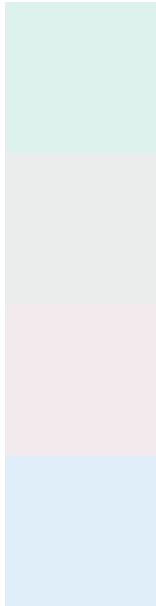
Dichromacy





Tritanopia
226, 234, 255

Trichromacy



Original Color

221, 232, 241

Protanomaly

234, 236, 237

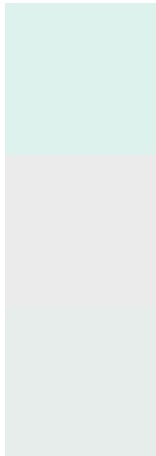
Deuteranomaly

243, 234, 238

Tritanomaly

224, 233, 249

Monochromacy



Original Color

221, 232, 241

Achromatopsia

235, 235, 235

Achromatomaly

230, 234, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 232, 241 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(221, 241, 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(221, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 241, 237) }
```

Border

The CSS property to change the border of an element to RYB 221, 232, 241 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, 237) }
```

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

```
.border{ border-color:rgb(221, 241, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(221, 241,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 221, 232, 241 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, 237) }
```

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

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