

Converting Colors

RYB(222, 226, 227)

Have a look what the booklet for
RYB(222, 226, 227) contains.

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Color

R_YB(222, 226, 227)

Conversions

Conversions Part 1

Format	Color
Hex	DEE3DF
RGB	222, 227, 223
RGB Percent	87%, 89%, 87%
CMY	0.1294, 0.1098, 0.1245
CMYK	0.02, 0.00, 0.02, 0.11
HSL	135°, 8%, 88%
HSV	135°, 2%, 89%
XYZ	70.9463, 75.8090, 80.8822
YIQ	225.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

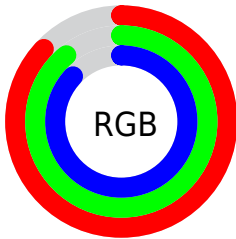
Format	Color
R _Y B	222, 226, 227
Decimal	14607327
CIE Lab	89.77, -2.35, 1.23
CIE LCh	90, 2.652, 152.331
Yxy	75.8090, 0.3117, 0.3330
Android (android.graphics.Color)	4292797407 (0xFFDEE3DF)
YUV	225.0490, -1.0102, -2.6740
Hunter-Lab	87.0683, -6.9216, 5.8704

Details

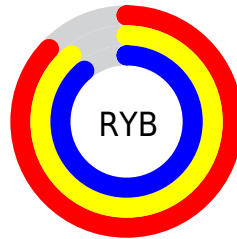
The RYB color **222, 226, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 222, 226**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **167, 171, 172** is the 20% darker color. If you saturate the color by 10%, you get **199, 221, 227**, and if you desaturate by 10%, it is **245, 227, 240**.

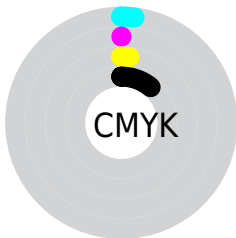
Distribution



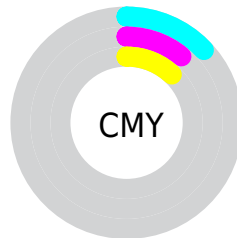
- Red (87%)
- Green (89%)
- Blue (87%)



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



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



- Cyan (13%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 226, 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 222, 226, 227 by changing the saturation by 10% instead.

■ 222, 226, 227

255, 255, 255

■ 222, 226, 227

■ 194, 198, 199

■ 167, 171, 172

■ 141, 144, 145

■ 115, 119, 120

■ 91, 94, 95

■ 67, 70, 71

■ 45, 48, 49

■ 24, 27, 28

■ 0, 0, 0

 222, 226, 227

 222, 226, 227

 199, 221, 227

 245, 227, 240


 177, 217, 227


 255, 227, 255


 154, 213, 227


 131, 208, 227

 109, 204, 227

 86, 199, 227

 63, 194, 227

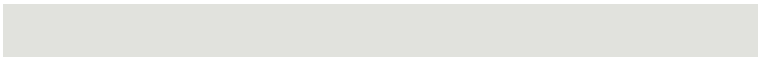
 40, 189, 227

 18, 185, 227

Harmonies

Analogous

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



221, 226, 222



222, 226, 227



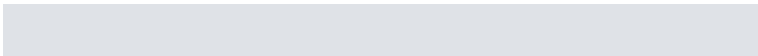
220, 224, 227

Triad

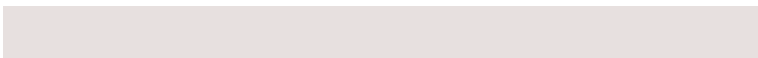
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 226, 227



223, 225, 231



231, 224, 223

Complementary

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



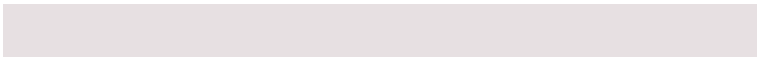
222, 226, 227



227, 222, 226

Split Complementary

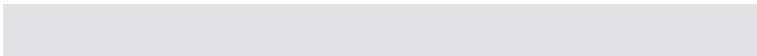
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 224, 226



222, 226, 227



227, 225, 230

Square

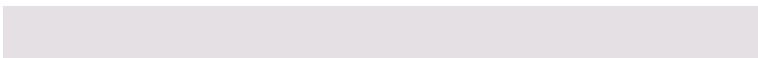
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222, 226, 227



221, 225, 230



229, 224, 228



230, 228, 221

Rectangle

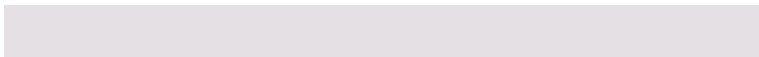
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



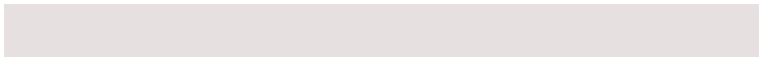
222, 226, 227



220, 224, 227



229, 224, 228



231, 224, 224

Sweetspot

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



222, 226, 227



252, 254, 255



222, 227, 223



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



222, 226, 227



247, 253, 255



222, 225, 227



110, 114, 115



0, 143, 179



0, 41, 51

Inverse Universe

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



227, 222, 226



255, 247, 253



227, 222, 223



115, 110, 114



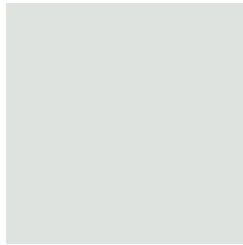
179, 0, 134



51, 0, 38

Previews

White Background



This preview shows how the RYB color 222, 226, 227 looks on a white background.

Color Contrast Check

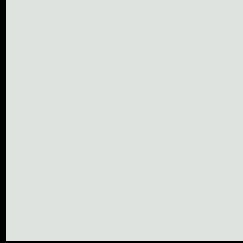
Large Text (above 18pt) WCAG AA × Fail

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 222, 226, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

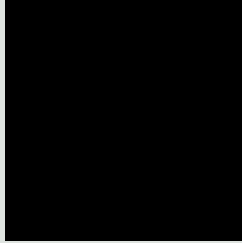
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

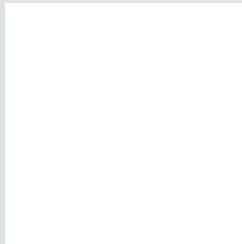
Any Text WCAG AAA ✓ Pass

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

R Y B 222, 226, 227 Background



This preview shows how black text looks on a background with the R Y B color 222, 226, 227.

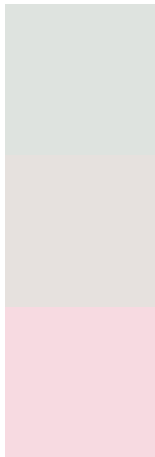


This preview shows how white text looks on a background with the R Y B color 222, 226, 227.

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



Original Color
[222](#), [226](#), [227](#)

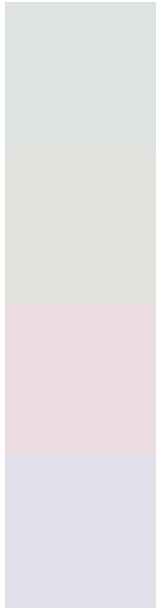
Protanopia
[230](#), [227](#), [222](#)

Deuteranopia
[247](#), [218](#), [225](#)



Tritanopia
225, 224, 242

Trichromacy



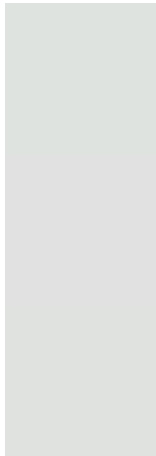
Original Color
222, 226, 227

Protanomaly
223, 227, 222

Deuteranomaly
238, 221, 224

Tritanomaly
224, 225, 235

Monochromacy



Original Color
222, 226, 227

Achromatopsia
225, 225, 225

Achromatomaly
224, 226, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 226, 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(222, 227, 223)` looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 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(222, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 223) }
```

Border

The CSS property to change the border of an element to RYB 222, 226, 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(222, 227, 223) }
```

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

```
.border{ border-color:rgb(222, 227, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 227, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 227, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 227, 223); box-shadow:4px 4px 4px 4px rgb(222, 227, 223) }
```

Background

The CSS property to change the background color of an element to RYB 222, 226, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 223) }
```

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

```
.background{ background-color: rgb(222,  
227, 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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