

Converting Colors

`RYB(223, 224, 227)`

Have a look what the booklet for
RYB(223, 224, 227) contains.

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Color

RVB(223, 224, 227)

Conversions

Conversions Part 1

Format	Color
Hex	DFE0E3
RGB	223, 224, 227
RGB Percent	87%, 88%, 89%
CMY	0.1255, 0.1203, 0.1098
CMYK	0.02, 0.01, 0.00, 0.11
HSL	220°, 7%, 88%
HSV	220°, 2%, 89%
XYZ	71.0419, 74.7247, 83.3520
YIQ	224.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

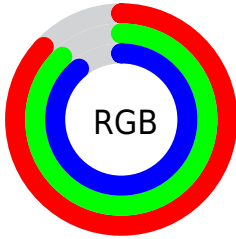
Format	Color
RYB	223, 224, 227
Decimal	14672099
CIELab	89.26, 0.04, -1.47
CIElCh	89, 1.468, 271.522
Yxy	74.7247, 0.3101, 0.3261
Android (android.graphics.Color)	4292862179 (0xFFDFE0E3)
YUV	224.0430, 1.4578, -0.9147
Hunter-Lab	86.4434, -4.5792, 3.3407

Details

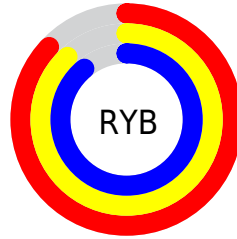
The RYB color **223, 224, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 227, 223**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 169, 172** is the 20% darker color. If you saturate the color by 10%, you get **200, 207, 227**, and if you desaturate by 10%, it is **238, 246, 227**.

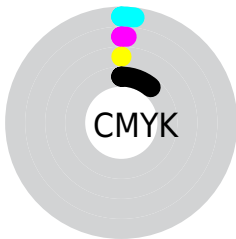
Distribution



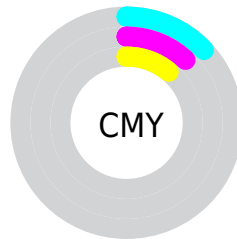
- Red (87%)
- Green (88%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 224, 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 223, 224, 227 by changing the saturation by 10% instead.

■ 223, 224, 227

255, 255, 255

■ 223, 224, 227

■ 195, 196, 199

■ 168, 169, 172

■ 141, 142, 145

■ 116, 117, 120

■ 91, 92, 95

■ 68, 69, 71

■ 46, 47, 49

■ 25, 26, 28

■ 0, 0, 0

■ 223, 224, 227

■ 223, 224, 227

■ 200, 207, 227

■ 238, 246, 227

■ 178, 190, 227

■ 227, 255, 227

■ 155, 173, 227

■ 132, 156, 227

■ 110, 139, 227

■ 87, 122, 227

■ 64, 105, 227

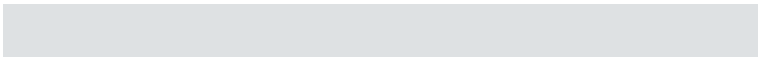
■ 41, 88, 227

■ 19, 71, 227

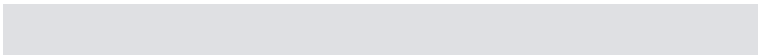
Harmonies

Analogous

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



222, 224, 227



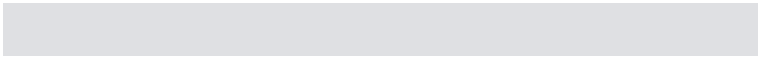
223, 224, 227



225, 224, 227

Triad

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



223, 224, 227



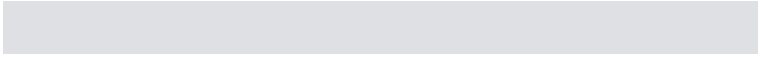
227, 223, 223



222, 224, 225

Complementary

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



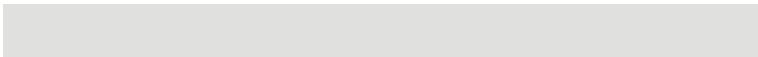
223, 224, 227



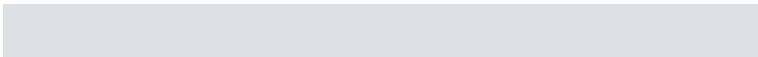
224, 227, 223

Split Complementary

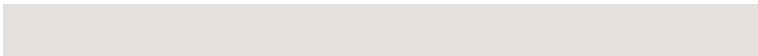
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222, 225, 223



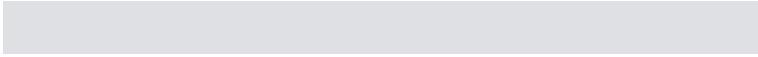
223, 224, 227



227, 225, 222

Square

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



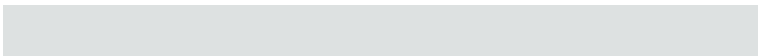
223, 224, 227



227, 223, 224



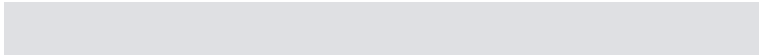
222, 225, 221



221, 223, 225

Rectangle

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



223, 224, 227



226, 224, 226



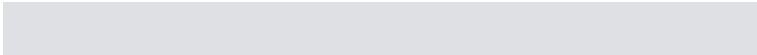
222, 225, 221



222, 225, 224

Sweetspot

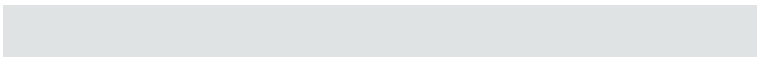
The Sweet Spot groups the original color and five complimentary colors.



223, 224, 227



252, 253, 255



223, 225, 227



126, 127, 128



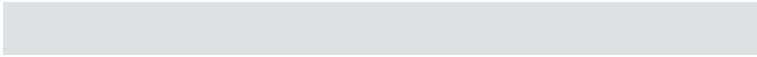
0, 0, 0



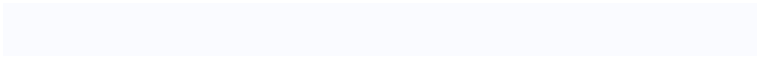
128, 128, 128

Same Dimension

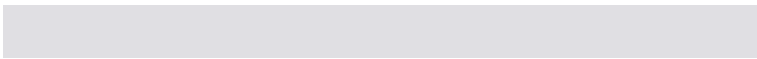
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223, 224, 227



250, 251, 255



224, 223, 227



112, 113, 115



0, 44, 179



0, 13, 51

Inverse Universe

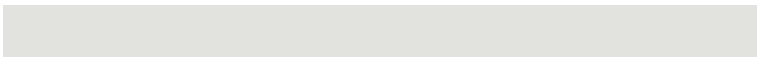
The Inverse Universe completely reimagines the original color for something new.



227, 223, 224



255, 250, 252



223, 227, 224



115, 112, 113



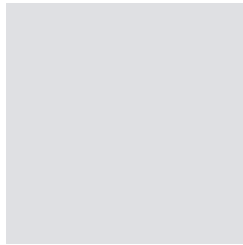
179, 0, 59



51, 0, 17

Previews

White Background



This preview shows how the RYB color 223, 224, 227 looks on a white background.

Color Contrast Check

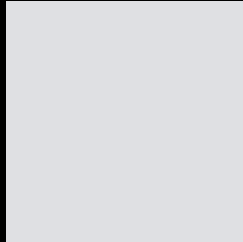
Large Text (above 18pt) WCAG AA × Fail

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 223, 224, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

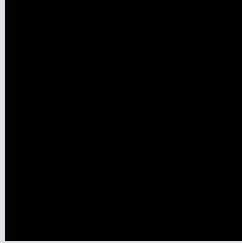
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

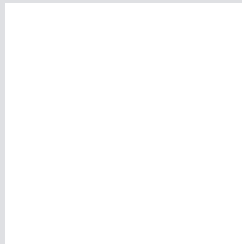
Any Text WCAG AAA ✓ Pass

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

RYB 223, 224, 227 Background



This preview shows how black text looks on a background with the RYB color 223, 224, 227.

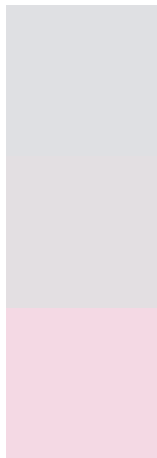


This preview shows how white text looks on a background with the RYB color 223, 224, 227.

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
[223](#), [224](#), [227](#)

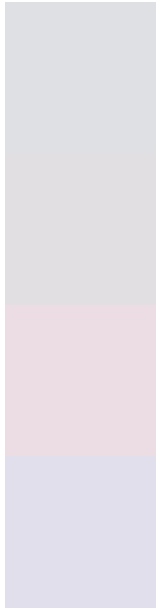
Protanopia
[227](#), [223](#), [226](#)

Deuteranopia
[244](#), [217](#), [228](#)



Tritanopia
225, 222, 240

Trichromacy



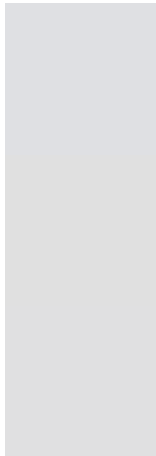
Original Color
223, 224, 227

Protanomaly
226, 223, 226

Deuteranomaly
236, 220, 228

Tritanomaly
224, 223, 235

Monochromacy



Original Color
223, 224, 227

Achromatopsia
224, 224, 224

Achromatomaly
224, 224, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 224, 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(223, 224, 227) looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 227)  
}
```

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(223, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 227) }
```

Border

The CSS property to change the border of an element to RYB 223, 224, 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(223, 224, 227) }
```

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

```
.border{ border-color:rgb(223, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 223, 224, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 227) }
```

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

```
.background{ background-color: rgb(223,  
224, 227) }
```

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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