

Converting Colors

`RYB(221, 224, 225)`

Have a look what the booklet for
RYB(221, 224, 225) contains.

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Color

RYB(221, 224, 225)

Conversions

Conversions Part 1

Format	Color
Hex	DDE1DE
RGB	221, 225, 222
RGB Percent	87%, 88%, 87%
CMY	0.1333, 0.1176, 0.1281
CMYK	0.02, 0.00, 0.01, 0.12
HSL	140°, 6%, 87%
HSV	140°, 2%, 88%
XYZ	69.9736, 74.5144, 80.0364
YIQ	223.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

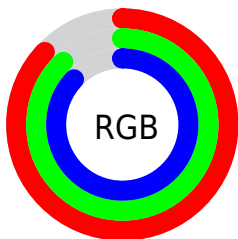
Format	Color
R _Y B	221, 224, 225
Decimal	14541278
CIE Lab	89.17, -1.82, 0.82
CIE LCh	89, 1.998, 155.733
Yxy	74.5144, 0.3117, 0.3319
Android (android.graphics.Color)	4292731358 (0xFFDDE1DE)
YUV	223.4620, -0.7208, -2.1592
Hunter-Lab	86.3217, -6.3685, 5.4523

Details

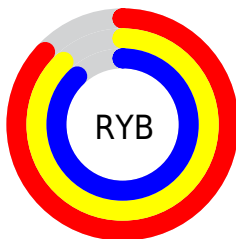
The RYB color **221, 224, 225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 221, 224**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 169, 170** is the 20% darker color. If you saturate the color by 10%, you get **199, 219, 225**, and if you desaturate by 10%, it is **243, 225, 237**.

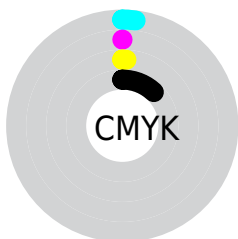
Distribution



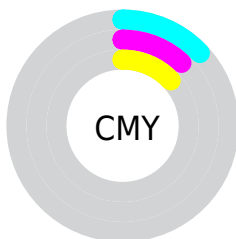
- Red (87%)
- Green (88%)
- Blue (87%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 224, 225 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, 224, 225 by changing the saturation by 10% instead.

■ 221, 224, 225

255, 255, 255

■ 221, 224, 225

■ 193, 196, 197

■ 166, 169, 170

■ 140, 142, 143

■ 114, 117, 118

■ 90, 92, 93

■ 66, 69, 70

■ 44, 46, 47

■ 24, 26, 27

■ 0, 0, 0

 221, 224, 225

 221, 224, 225

 199, 219, 225

 243, 225, 237

 176, 213, 225


 255, 225, 252


 154, 208, 225


 255, 225, 255


 131, 202, 225

 109, 196, 225

 86, 190, 225

 64, 185, 225

 41, 179, 225

 19, 174, 225

Harmonies

Analogous

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



221, 225, 223



221, 224, 225



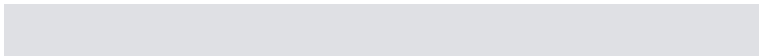
220, 223, 225

Triad

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



221, 224, 225



223, 224, 228



228, 223, 222

Complementary

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



221, 224, 225



225, 221, 224

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.



228, 223, 224



221, 224, 225



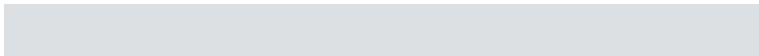
225, 223, 227

Square

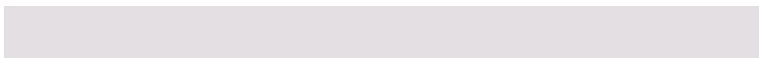
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 224, 225



221, 223, 227



227, 223, 226



227, 224, 221

Rectangle

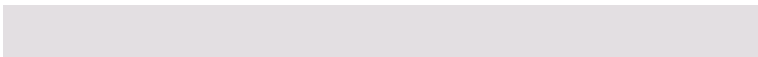
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



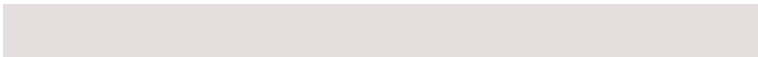
221, 224, 225



220, 223, 226



227, 223, 226



228, 223, 222

Sweetspot

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



221, 224, 225



252, 254, 255



221, 225, 222



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 224, 225



250, 254, 255



221, 223, 225



110, 111, 112



0, 132, 176



0, 36, 48

Inverse Universe

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



225, 221, 224



255, 250, 253



225, 221, 222



112, 110, 111



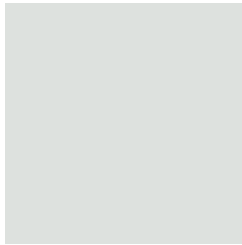
176, 0, 117



48, 0, 32

Previews

White Background



This preview shows how the RYB color 221, 224, 225 looks on a white background.

Color Contrast Check

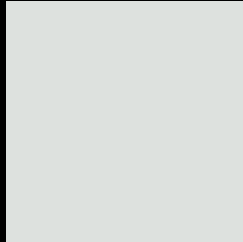
Large Text (above 18pt) WCAG AA × Fail

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, 224, 225 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

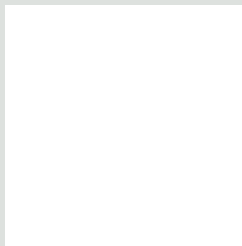
Any Text WCAG AAA ✓ Pass

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

RYP 221, 224, 225 Background



This preview shows how black text looks on a background with the RYP color 221, 224, 225.



This preview shows how white text looks on a background with the RYP color 221, 224, 225.

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

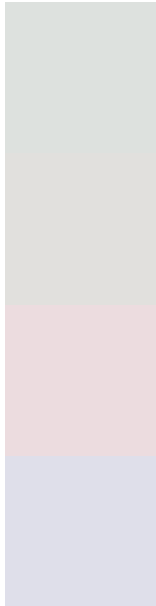




Tritanopia

224, 222, 240

Trichromacy



Original Color

221, 224, 225

Protanomaly

222, 225, 221

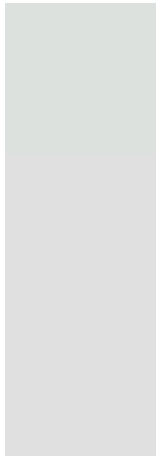
Deuteranomaly

236, 220, 223

Tritanomaly

223, 223, 234

Monochromacy



Original Color

221, 224, 225

Achromatopsia

224, 224, 224

Achromatomaly

223, 224, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 224, 225 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, 225, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 222)  
}
```

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, 225, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 222) }
```

Border

The CSS property to change the border of an element to RYB 221, 224, 225 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, 225, 222) }
```

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

```
.border{ border-color:rgb(221, 225, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 222);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 221, 224, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 222) }
```

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

```
.background{ background-color: rgb(221,  
225, 222) }
```

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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