

Converting Colors

`RYB(219, 225, 224)`

Have a look what the booklet for
RYB(219, 225, 224) contains.

RYB(219, 225, 224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(219, 225, 224)

Conversions

Conversions Part 1

Format	Color
Hex	DCE1DB
RGB	220, 225, 219
RGB Percent	86%, 88%, 86%
CMY	0.1373, 0.1176, 0.1412
CMYK	0.02, 0.00, 0.03, 0.12
HSL	110°, 9%, 87%
HSV	110°, 3%, 88%
XYZ	69.2266, 74.1805, 77.6875
YIQ	222.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

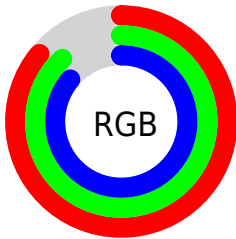
Format	Color
R _{YB}	219, 225, 224
Decimal	14475739
CIE Lab	89.01, -2.76, 2.33
CIE LCh	89, 3.610, 139.743
Yxy	74.1805, 0.3131, 0.3355
Android (android.graphics.Color)	4292665819 (0xFFDCE1DB)
YUV	222.8210, -1.8838, -2.4740
Hunter-Lab	86.1281, -7.2525, 6.8102

Details

The RYB color **219, 225, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 219, 225**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 170, 169** is the 20% darker color. If you saturate the color by 10%, you get **196, 225, 220**, and if you desaturate by 10%, it is **239, 225, 241**.

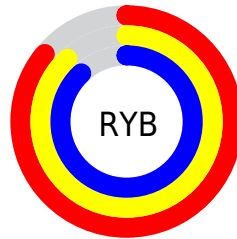
Distribution



Red (86%)

Green (88%)

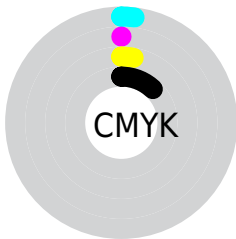
Blue (86%)



Red (86%)

Yellow (88%)

Blue (88%)

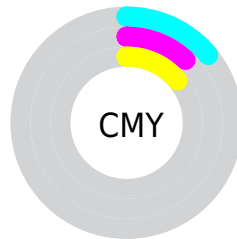


Cyan (2%)

Magenta (0%)

Yellow (3%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 225, 224 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 219, 225, 224 by changing the saturation by 10% instead.

■ 219, 225, 224

255, 255, 255

■ 219, 225, 224

■ 191, 197, 196

■ 164, 170, 169

■ 138, 143, 142

■ 112, 118, 117

■ 88, 93, 92

■ 65, 70, 70

■ 43, 47, 47

■ 22, 26, 25

■ 0, 0, 0

 219, 225, 224

 219, 225, 224

 196, 225, 220

 239, 225, 241


 174, 225, 216

 255, 225, 255

 152, 225, 213

 129, 225, 209

 106, 225, 205

 84, 225, 201

 61, 225, 197

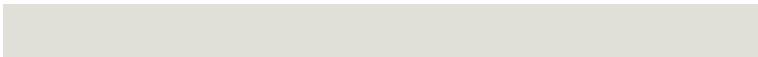
 39, 225, 194

 16, 225, 190

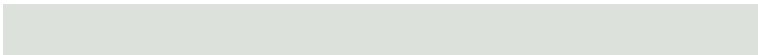
Harmonies

Analogous

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



217, 224, 217



219, 225, 224



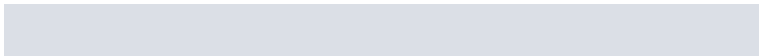
217, 223, 226

Triad

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



219, 225, 224



219, 222, 230



231, 221, 221

Complementary

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



219, 225, 224



224, 219, 225

Split Complementary

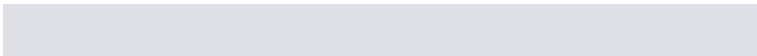
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 221, 225



219, 225, 224



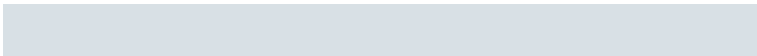
223, 223, 230

Square

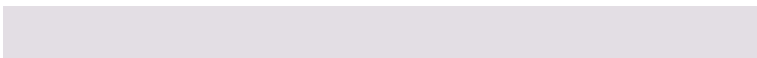
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



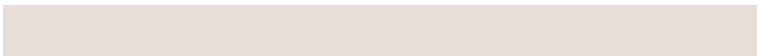
219, 225, 224



216, 221, 229



227, 222, 228



231, 224, 218

Rectangle

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



219, 225, 224



216, 221, 226



227, 222, 228



231, 221, 222

Sweetspot

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



219, 225, 224



252, 255, 254



220, 225, 219



126, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 225, 224



247, 255, 253



219, 224, 225



108, 112, 112



0, 176, 147



0, 48, 40

Inverse Universe

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



224, 219, 225



254, 247, 255



225, 219, 223



111, 108, 112



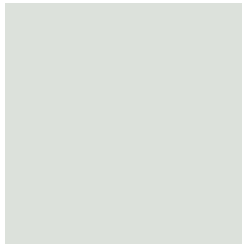
147, 0, 176



40, 0, 48

Previews

White Background



This preview shows how the RYB color 219, 225, 224 looks on a white background.

Color Contrast Check

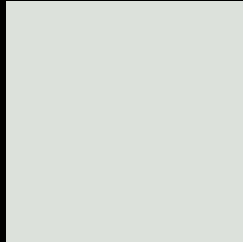
Large Text (above 18pt) WCAG AA × Fail

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 219, 225, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

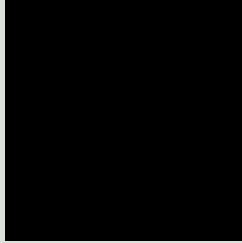
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

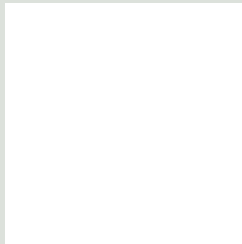
Any Text WCAG AAA ✓ Pass

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

RYB 219, 225, 224 Background



This preview shows how black text looks on a background with the RYB color 219, 225, 224.



This preview shows how white text looks on a background with the RYB color 219, 225, 224.

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](#).

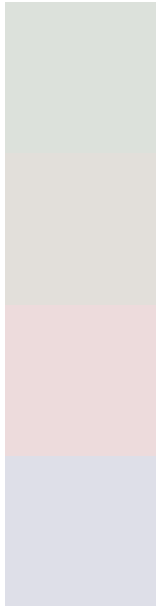
Dichromacy





Tritanopia
223, 222, 239

Trichromacy



Original Color

219, 225, 224

Protanomaly

223, 226, 218

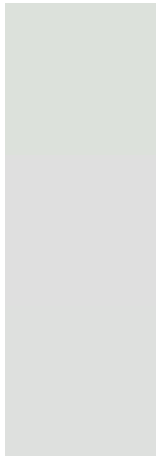
Deuteranomaly

237, 219, 220

Tritanomaly

222, 223, 232

Monochromacy



Original Color

219, 225, 224

Achromatopsia

223, 223, 223

Achromatomaly

222, 224, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 225, 224 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(220, 225, 219)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 219)  
}
```

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(220, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 219) }
```

Border

The CSS property to change the border of an element to RYB 219, 225, 224 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(220, 225, 219) }
```

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

```
.border{ border-color:rgb(220, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 219, 225, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 219) }
```

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

```
.background{ background-color: rgb(220,  
225, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor