

Converting Colors

`RYB(209, 206, 224)`

Have a look what the booklet for
RYB(209, 206, 224) contains.

RYB(209, 206, 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(209, 206, 224)

Conversions

Conversions Part 1

Format	Color
Hex	D1CEE0
RGB	209, 206, 224
RGB Percent	82%, 81%, 88%
CMY	0.1804, 0.1922, 0.1216
CMYK	0.07, 0.08, 0.00, 0.12
HSL	250°, 22%, 84%
HSV	250°, 8%, 88%
XYZ	61.8203, 63.0797, 79.4383
YIQ	208.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

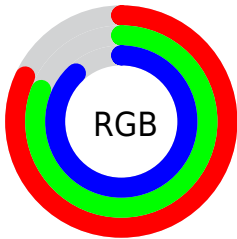
Format	Color
R _Y B	209, 206, 224
Decimal	13749984
CIE Lab	83.48, 4.40, -8.52
CIE LCh	83, 9.592, 297.310
Yxy	63.0797, 0.3025, 0.3087
Android (android.graphics.Color)	4291940064 (0xFFD1CEE0)
YUV	208.9490, 7.4201, 0.0447
Hunter-Lab	79.4228, -0.0506, -3.7057

Details

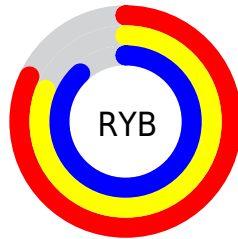
The RYB color **209, 206, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 224, 209**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 255, 255, and **155, 152, 169** is the 20% darker color. If you saturate the color by 10%, you get **190, 184, 224**, and if you desaturate by 10%, it is **224, 228, 224**.

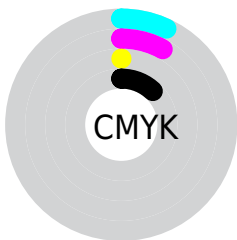
Distribution



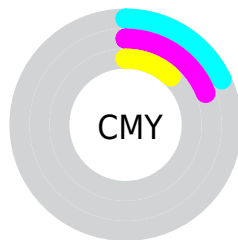
- Red (82%)
- Green (81%)
- Blue (88%)



- Red (82%)
- Yellow (81%)
- Blue (88%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 206, 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 209, 206, 224 by changing the saturation by 10% instead.

■ 209, 206, 224

255, 255, 255

■ 209, 206, 224

■ 181, 179, 196

■ 155, 152, 169

■ 129, 126, 142

■ 103, 101, 117

■ 79, 77, 92

■ 56, 54, 69


■ 35, 33, 46

■ 14, 10, 26


■ 0, 0, 0

 209, 206, 224

 209, 206, 224

 190, 184, 224

 224, 228, 224

 172, 161, 224

 224, 251, 229

 153, 139, 224

 224, 255, 224


 134, 116, 224

 116, 94, 224

 97, 72, 224

 78, 49, 224

 60, 27, 224

 41, 4, 224

Harmonies

Analogous

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



198, 206, 226



209, 206, 224



219, 203, 218

Triad

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



209, 206, 224



224, 210, 193



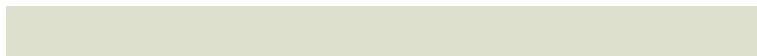
189, 203, 213

Complementary

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



209, 206, 224



206, 224, 209

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.



196, 210, 212



209, 206, 224



206, 217, 190

Square

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



209, 206, 224



228, 202, 200



192, 210, 196



186, 200, 216

Rectangle

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



209, 206, 224



224, 202, 212



192, 210, 196



191, 205, 213

Sweetspot

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



209, 206, 224



251, 250, 255



206, 214, 224



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 206, 224



234, 230, 255



218, 206, 224



103, 101, 112



29, 0, 176



8, 0, 48

Inverse Universe

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



224, 206, 221



255, 230, 251



206, 224, 218



112, 101, 110



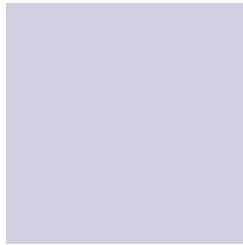
176, 0, 147



48, 0, 40

Previews

White Background



This preview shows how the RYB color 209, 206, 224 looks on a white background.

Color Contrast Check

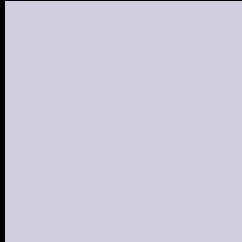
Large Text (above 18pt) WCAG AA × Fail

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 209, 206, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

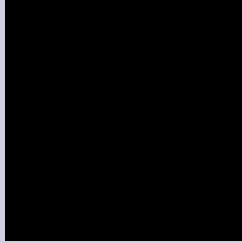
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

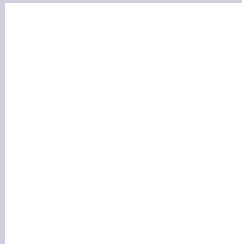
Any Text WCAG AAA ✓ Pass

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

RYB 209, 206, 224 Background



This preview shows how black text looks on a background with the RYB color 209, 206, 224.

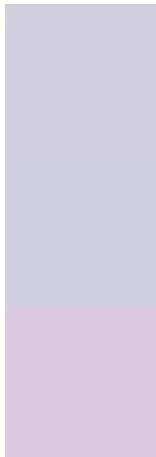


This preview shows how white text looks on a background with the RYB color 209, 206, 224.

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



Original Color
209, 206, 224

Protanopia
207, 207, 224

Deuteranopia
220, 202, 225



Tritanopia
209, 206, 223

Trichromacy



Original Color
209, 206, 224

Protanomaly
208, 207, 224

Deuteranomaly
216, 203, 225

Tritanomaly
209, 206, 223

Monochromacy



Original Color
209, 206, 224

Achromatopsia
209, 209, 209

Achromatomaly
209, 208, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 206, 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(209, 206, 224) looks like.

```
.text, #text, p{  
    color:rgb(209, 206, 224)  
}
```

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(209, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 206, 224) }
```

Border

The CSS property to change the border of an element to RYB 209, 206, 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(209, 206, 224) }
```

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

```
.border{ border-color:rgb(209, 206, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 206, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(209, 206,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 209, 206, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 206, 224) }
```

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

```
.background{ background-color: rgb(209,  
206, 224) }
```

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