

# Converting Colors

RYB(206, 228, 223)

Have a look what the booklet for  
RYB(206, 228, 223) contains.

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# **Color**

**R<sub>Y</sub>B(206, 228, 223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3E4CE
RGB	211, 228, 206
RGB Percent	83%, 89%, 81%
CMY	0.1725, 0.1059, 0.1922
CMYK	0.07, 0.00, 0.10, 0.11
HSL	106°, 29%, 85%
HSV	106°, 10%, 89%
XYZ	65.7479, 73.7919, 69.1705
YIQ	220.4090, -3.0700, -10.4460

# Conversions

## Conversions Part 2

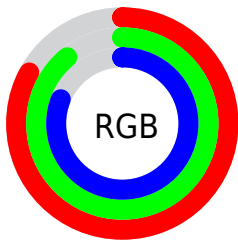
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 228, 223
Decimal	13886670
CIE Lab	88.82, -9.63, 8.80
CIE LCh	89, 13.045, 137.569
Yxy	73.7919, 0.3150, 0.3536
Android (android.graphics.Color)	4292076750 (0xFFD3E4CE)
YUV	220.4090, -7.1036, -8.2517
Hunter-Lab	85.9022, -13.7083, 12.3898

# Details

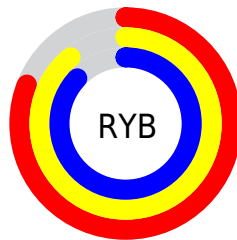
The RYB color **206, 228, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223, 206, 228**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **152, 173, 169** is the 20% darker color. If you saturate the color by 10%, you get **183, 228, 218**, and if you desaturate by 10%, it is **229, 228, 229**.

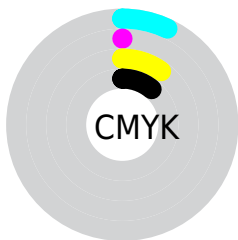
# Distribution



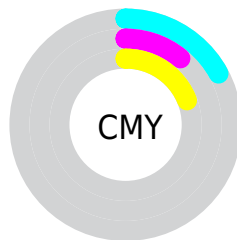
- Red (83%)
- Green (89%)
- Blue (81%)



- Red (81%)
- Yellow (89%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 206, 228, 223 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 206, 228, 223 by changing the saturation by 10% instead.



■ 206, 228, 223

255, 255, 255

■ 206, 228, 223

■ 178, 200, 195

■ 152, 173, 169

■ 126, 146, 142

■ 101, 120, 116

■ 77, 96, 92

■ 54, 72, 68

■ 33, 49, 46

■ 10, 28, 22

■ 0, 0, 0

 206, 228, 223

 206, 228, 223

 183, 228, 218

 229, 228, 229

 160, 228, 212

 246, 228, 252

 138, 228, 208


 255, 228, 255

 115, 228, 202

 92, 228, 197

 69, 228, 192

 46, 228, 186

 24, 228, 182

 1, 228, 177

# Harmonies

## Analogous

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



199, 225, 199



206, 228, 223



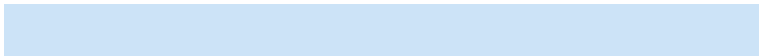
199, 219, 230

# Triad

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



206, 228, 223



204, 219, 247



250, 215, 216

# Complementary

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



206, 228, 223



223, 206, 228

# 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.



245, 215, 229



206, 228, 223



219, 222, 247

# Square

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



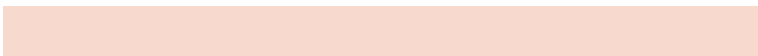
206, 228, 223



194, 214, 241



234, 218, 240



247, 222, 205

# Rectangle

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



206, 228, 223



194, 214, 231



234, 218, 240

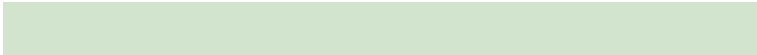


249, 215, 220



# Sweetspot

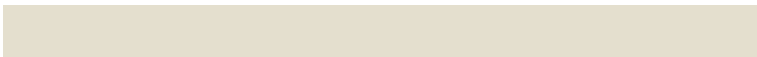
The Sweet Spot groups the original color and five complimentary colors.



206, 228, 223



247, 255, 253



212, 228, 206



122, 128, 126



0, 0, 0

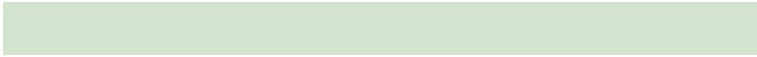


128, 128, 128

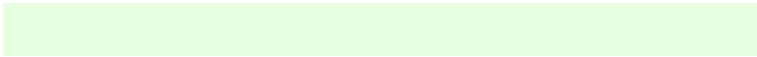


# Same Dimension

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



206, 228, 223



224, 255, 248



206, 223, 228



103, 115, 112



0, 179, 138



0, 51, 39



# Inverse Universe

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



223, 206, 228



248, 224, 255



228, 206, 222



112, 103, 115



138, 0, 179

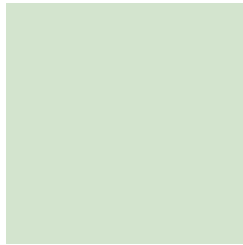


39, 0, 51



# Previews

## White Background



This preview shows how the RYB color 206, 228, 223 looks on a white background.

## Color Contrast Check

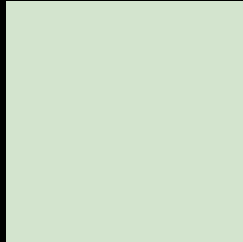
Large Text (above 18pt) WCAG AA × Fail

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 206, 228, 223 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

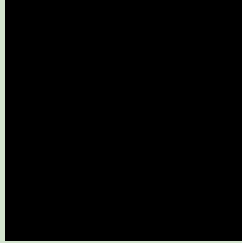
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

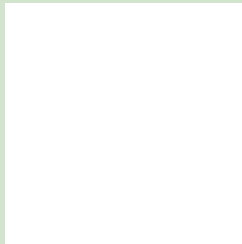
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 206, 228, 223 Background**



This preview shows how black text looks on a background with the RYB color 206, 228, 223.

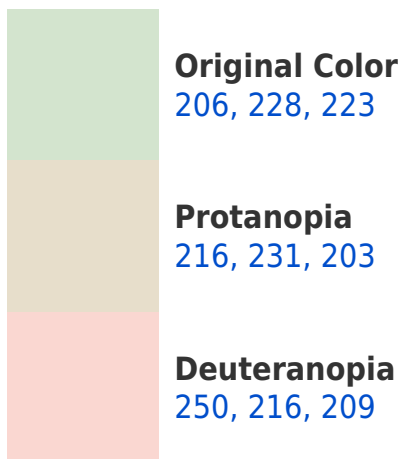


This preview shows how white text looks on a background with the RYB color 206, 228, 223.

# 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](#).

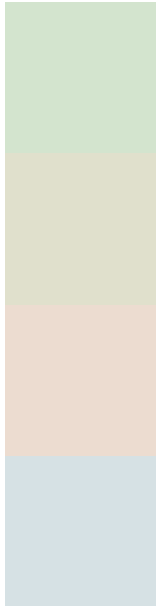
## Dichromacy





**Tritanopia**  
216, 221, 241

# Trichromacy



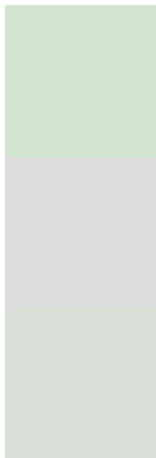
**Original Color**  
206, 228, 223

**Protanomaly**  
204, 224, 204

**Deuteranomaly**  
236, 229, 208

**Tritanomaly**  
214, 220, 228

# Monochromacy



**Original Color**  
206, 228, 223

**Achromatopsia**  
220, 220, 220

**Achromatomaly**  
215, 223, 221

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 206, 228, 223 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(211, 228, 206) looks like.

```
.text, #text, p{  
    color:rgb(211, 228, 206)  
}
```

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(211, 228, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 228, 206) }
```

## Border

The CSS property to change the border of an element to RYB 206, 228, 223 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(211, 228, 206) }
```

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

```
.border{ border-color:rgb(211, 228, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 228, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 228, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 228, 206);  
box-shadow:4px 4px 4px 4px rgb(211, 228,  
206) }
```

# Background

The CSS property to change the background color of an element to RYB 206, 228, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 228, 206) }
```

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

```
.background{ background-color: rgb(211,  
228, 206) }
```

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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