

Converting Colors

`RYB(218, 233, 233)`

Have a look what the booklet for
RYB(218, 233, 233) contains.

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Color

R_YB(218, 233, 233)

Conversions

Conversions Part 1

Format	Color
Hex	DAE9DA
RGB	218, 233, 218
RGB Percent	85%, 91%, 85%
CMY	0.1451, 0.0863, 0.1451
CMYK	0.06, 0.00, 0.06, 0.09
HSL	120°, 25%, 88%
HSV	120°, 6%, 91%
XYZ	70.7072, 78.2452, 77.7058
YIQ	226.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

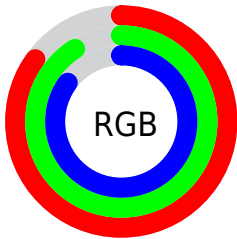
Format	Color
R_{YB}	218, 233, 233
Decimal	14346714
CIE Lab	90.89, -7.69, 5.57
CIE LCh	91, 9.494, 144.101
Yxy	78.2452, 0.3120, 0.3452
Android (android.graphics.Color)	4292536794 (0xFFDAE9DA)
YUV	226.8050, -4.3409, -7.7220
Hunter-Lab	88.4563, -12.1152, 9.8352

Details

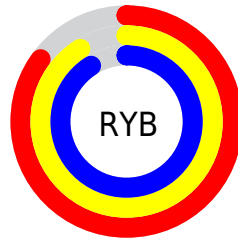
The RYB color **218, 233, 233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **233, 218, 233**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **163, 177, 177** is the 20% darker color. If you saturate the color by 10%, you get **195, 233, 233**, and if you desaturate by 10%, it is **241, 233, 241**.

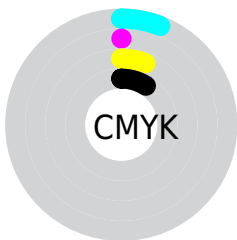
Distribution



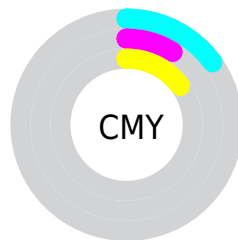
- Red (85%)
- Green (91%)
- Blue (85%)



- Red (85%)
- Yellow (91%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 233, 233 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 218, 233, 233 by changing the saturation by 10% instead.

■ 218, 233, 233

255, 255, 255

■ 218, 233, 233

■ 190, 205, 205

■ 163, 177, 177

■ 137, 151, 151

■ 111, 125, 125

■ 87, 100, 100

■ 64, 76, 76

■ 42, 53, 53

■ 21, 32, 32

■ 0, 6, 6

 218, 233, 233

 218, 233, 233

 195, 233, 233

 241, 233, 241

 171, 233, 233

 255, 233, 255

 148, 233, 233

 125, 233, 233

 102, 233, 233

 78, 233, 233

 55, 233, 233

 32, 233, 233

 8, 233, 233

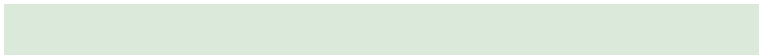
Harmonies

Analogous

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



212, 231, 215



218, 233, 233



210, 224, 234

Triad

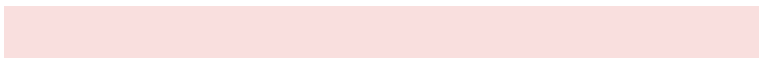
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 233, 233



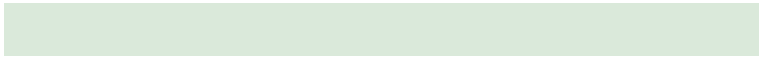
218, 226, 247



249, 223, 222

Complementary

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



218, 233, 233



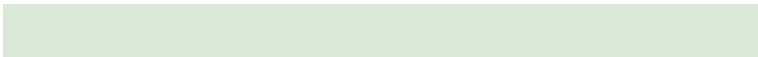
233, 218, 233

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.



247, 223, 231



218, 233, 233



229, 227, 245

Square

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



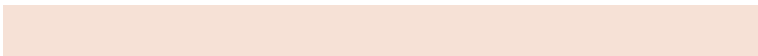
218, 233, 233



209, 223, 243



239, 224, 240



246, 231, 214

Rectangle

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



218, 233, 233



207, 221, 234



239, 224, 240



249, 223, 225

Sweetspot

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



218, 233, 233



250, 255, 255



218, 233, 218



125, 128, 128



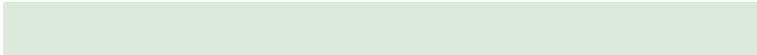
0, 0, 0



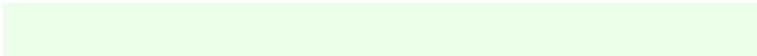
128, 128, 128

Same Dimension

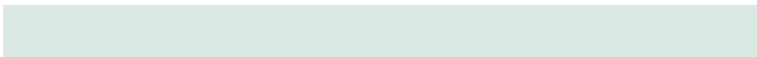
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218, 233, 233



235, 255, 255



218, 228, 233



106, 117, 117



0, 181, 181



0, 54, 54

Inverse Universe

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



233, 218, 233



255, 235, 255



233, 218, 226



117, 106, 117



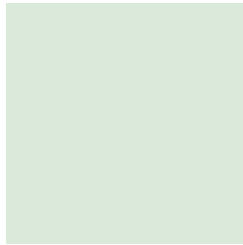
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RYB color 218, 233, 233 looks on a white background.

Color Contrast Check

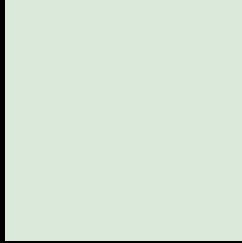
Large Text (above 18pt) WCAG AA × Fail

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 218, 233, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

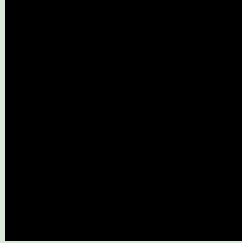
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

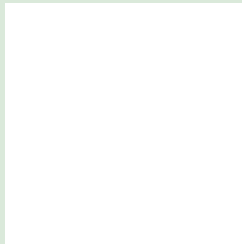
Any Text WCAG AAA ✓ Pass

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

RYB 218, 233, 233 Background



This preview shows how black text looks on a background with the RYB color 218, 233, 233.



This preview shows how white text looks on a background with the RYB color 218, 233, 233.

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, 228, 247

Trichromacy



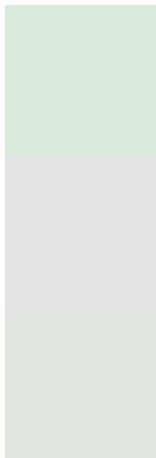
Original Color
218, 233, 233

Protanomaly
216, 230, 217

Deuteranomaly
241, 227, 219

Tritanomaly
221, 227, 236

Monochromacy



Original Color
218, 233, 233

Achromatopsia
227, 227, 227

Achromatomaly
224, 229, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 233, 233 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(218, 233, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 233, 218)  
}
```

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(218, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 233, 218) }
```

Border

The CSS property to change the border of an element to RYB 218, 233, 233 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(218, 233, 218) }
```

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

```
.border{ border-color:rgb(218, 233, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 233, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 233, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 233, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 233,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 218, 233, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 233, 218) }
```

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

```
.background{ background-color: rgb(218,  
233, 218) }
```

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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