

Converting Colors

`RYB(206, 222, 208)`

Have a look what the booklet for
RYB(206, 222, 208) contains.

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Color

R_YB(206, 222, 208)

Conversions

Conversions Part 1

Format	Color
Hex	DCDECE
RGB	220, 222, 206
RGB Percent	86%, 87%, 81%
CMY	0.1373, 0.1294, 0.1922
CMYK	0.01, 0.00, 0.07, 0.13
HSL	67°, 20%, 84%
HSV	67°, 7%, 87%
XYZ	66.7771, 71.9144, 68.7539
YIQ	219.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

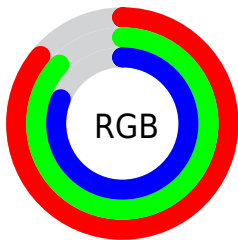
Format	Color
R _Y B	206, 222, 208
Decimal	14474958
CIE Lab	87.93, -3.47, 7.60
CIE LCh	88, 8.356, 114.526
Yxy	71.9144, 0.3219, 0.3467
Android (android.graphics.Color)	4292665038 (0xFFDCDECE)
YUV	219.5780, -6.6940, 0.3701
Hunter-Lab	84.8024, -7.8455, 11.2921

Details

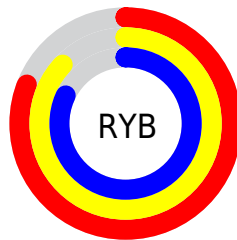
The RYB color **206, 222, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 206, 222**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **152, 167, 154** is the 20% darker color. If you saturate the color by 10%, you get **184, 222, 189**, and if you desaturate by 10%, it is **223, 222, 228**.

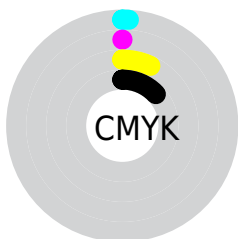
Distribution



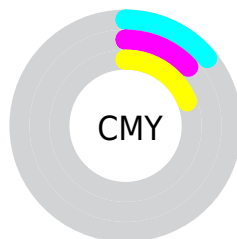
- Red (86%)
- Green (87%)
- Blue (81%)



- Red (81%)
- Yellow (87%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 222, 208 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, 222, 208 by changing the saturation by 10% instead.

■ 206, 222, 208

255, 255, 255

■ 206, 222, 208

■ 179, 194, 181

■ 152, 167, 154

■ 126, 141, 128

■ 101, 115, 103

■ 77, 91, 79

■ 54, 67, 56

■ 33, 45, 35

■ 10, 24, 11

■ 0, 0, 0

 206, 222, 208

 206, 222, 208

 184, 222, 189

 223, 222, 228

 162, 222, 170

 226, 222, 250

 139, 222, 149

 228, 222, 255

 117, 222, 130

 231, 222, 255

 95, 222, 111

 234, 222, 255

 73, 222, 92

 237, 222, 255

 51, 222, 72

 239, 222, 255

 28, 222, 52

 242, 222, 255

 6, 222, 33

 245, 222, 255

Harmonies

Analogous

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



222, 229, 205



206, 222, 208



211, 224, 224

Triad

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



206, 222, 208



204, 216, 233



236, 215, 222

Complementary

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



206, 222, 208



208, 206, 222

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, 217, 230



206, 222, 208



211, 219, 236

Square

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



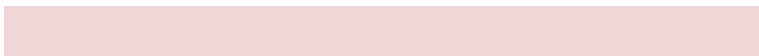
206, 222, 208



201, 213, 227



220, 219, 235



238, 215, 214

Rectangle

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



206, 222, 208



206, 218, 225



220, 219, 235



234, 216, 225

Sweetspot

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



206, 222, 208



250, 255, 251



222, 208, 206



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



206, 222, 208



232, 255, 235



206, 222, 216



101, 112, 102



0, 176, 22



0, 48, 6

Inverse Universe

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



208, 206, 222



235, 232, 255



216, 206, 222



102, 101, 112



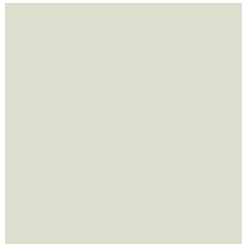
22, 0, 176



6, 0, 48

Previews

White Background



This preview shows how the RYB color 206, 222, 208 looks on a white background.

Color Contrast Check

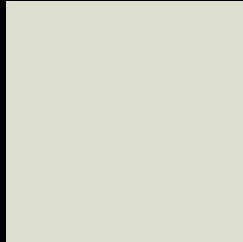
Large Text (above 18pt) WCAG AA × Fail

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, 222, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

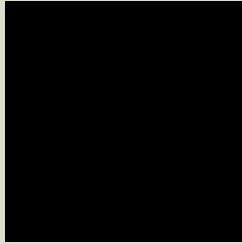
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

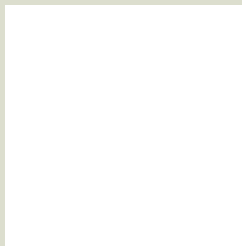
Any Text WCAG AAA ✓ Pass

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

RYB 206, 222, 208 Background



This preview shows how black text looks on a background with the RYB color 206, 222, 208.



This preview shows how white text looks on a background with the RYB color 206, 222, 208.

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
206, 222, 208

Protanopia
217, 228, 205

Deuteranopia
246, 214, 208



Tritanopia

224, 218, 235

Trichromacy



Original Color

206, 222, 208

Protanomaly

210, 225, 205

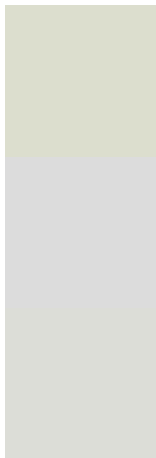
Deuteranomaly

237, 220, 207

Tritanomaly

223, 219, 224

Monochromacy



Original Color

206, 222, 208

Achromatopsia

220, 220, 220

Achromatomaly

215, 221, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 222, 208 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, 222, 206)` looks like.

```
.text, #text, p{  
    color:rgb(220, 222, 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(220, 222, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 222, 206) }
```

Border

The CSS property to change the border of an element to RYB 206, 222, 208 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, 222, 206) }
```

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

```
.border{ border-color:rgb(220, 222, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 222, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 222, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 222, 206);  
box-shadow:4px 4px 4px 4px rgb(220, 222,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 206, 222, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 222, 206) }
```

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

```
.background{ background-color: rgb(220,  
222, 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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