

Converting Colors

`RYB(198, 227, 204)`

Have a look what the booklet for
RYB(198, 227, 204) contains.

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Color

R_YB(198, 227, 204)

Conversions

Conversions Part 1

Format	Color
Hex	DDE3C6
RGB	221, 227, 198
RGB Percent	87%, 89%, 78%
CMY	0.1333, 0.1098, 0.2235
CMYK	0.03, 0.00, 0.13, 0.11
HSL	72°, 34%, 83%
HSV	72°, 13%, 89%
XYZ	67.4809, 74.3875, 64.2277
YIQ	221.9000, 5.7330, -10.2910

Conversions

Conversions Part 2

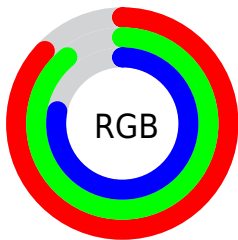
Format	Color
RYB	198, 227, 204
Decimal	14541766
CIELab	89.11, -6.99, 13.48
CIELCh	89, 15.187, 117.401
Yxy	74.3875, 0.3274, 0.3609
Android (android.graphics.Color)	4292731846 (0xFFDDE3C6)
YUV	221.9000, -11.7827, -0.7893
Hunter-Lab	86.2482, -11.2753, 16.2214

Details

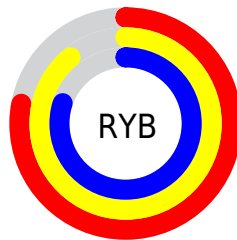
The RYB color **198, 227, 204** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **204, 198, 227**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **144, 172, 150** is the 20% darker color. If you saturate the color by 10%, you get **175, 227, 186**, and if you desaturate by 10%, it is **221, 227, 222**.

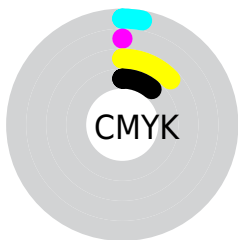
Distribution



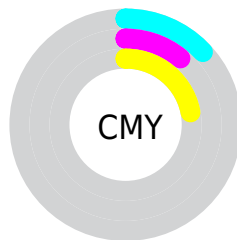
- Red (87%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 227, 204 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 198, 227, 204 by changing the saturation by 10% instead.

■ 198, 227, 204

255, 255, 255

■ 198, 227, 204

■ 171, 199, 177

■ 144, 172, 150

■ 118, 145, 124

■ 94, 119, 99

■ 70, 95, 76

■ 48, 71, 53

■ 26, 49, 32

■ 0, 28, 4

■ 0, 0, 0

198, 227, 204

198, 227, 204

175, 227, 186

221, 227, 222

153, 227, 168

230, 227, 243

130, 227, 150

235, 227, 255

107, 227, 132

240, 227, 255

85, 227, 114

244, 227, 255

62, 227, 96

249, 227, 255

39, 227, 78

254, 227, 255

16, 227, 60

255, 227, 255

0, 227, 47

Harmonies

Analogous

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



218, 237, 195



198, 227, 204



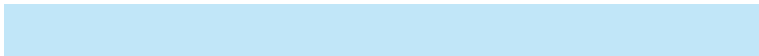
205, 228, 231

Triad

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



198, 227, 204



193, 215, 248



252, 214, 226

Complementary

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



198, 227, 204



204, 198, 227

Split Complementary

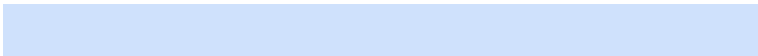
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 216, 240



198, 227, 204



207, 220, 252

Square

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



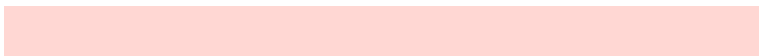
198, 227, 204



187, 211, 237



225, 221, 249



255, 215, 211

Rectangle

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



198, 227, 204



195, 218, 232



225, 221, 249



250, 215, 231

Sweetspot

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



198, 227, 204



245, 255, 247



227, 206, 198



121, 128, 123



0, 0, 0



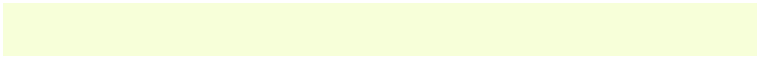
128, 128, 128

Same Dimension

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



198, 227, 204



217, 255, 225



198, 227, 218



103, 115, 106



0, 179, 37



0, 51, 11

Inverse Universe

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



204, 198, 227



225, 217, 255



218, 198, 227



106, 103, 115



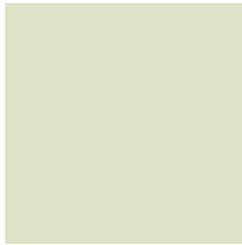
37, 0, 179



11, 0, 51

Previews

White Background



This preview shows how the RYB color 198, 227, 204 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 198, 227, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

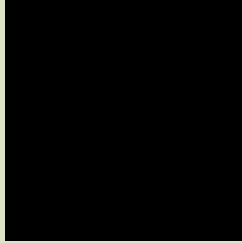
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

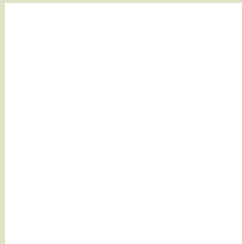
Any Text WCAG AAA ✓ Pass

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

RYB 198, 227, 204 Background



This preview shows how black text looks on a background with the RYB color 198, 227, 204.

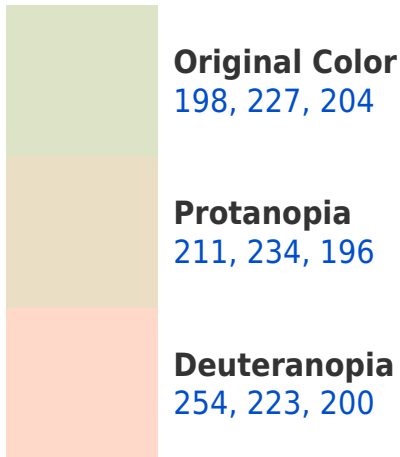


This preview shows how white text looks on a background with the RYB color 198, 227, 204.

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](#).

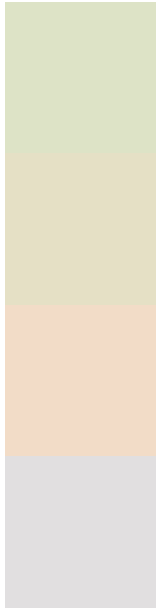
Dichromacy





Tritanopia
227, 221, 239

Trichromacy



Original Color

198, 227, 204

Protanomaly

203, 229, 197

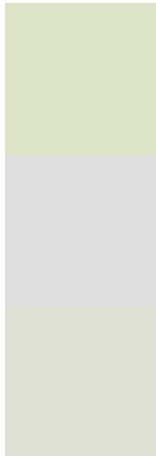
Deuteranomaly

242, 240, 199

Tritanomaly

225, 223, 224

Monochromacy



Original Color

198, 227, 204

Achromatopsia

222, 222, 222

Achromatomaly

213, 224, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 227, 204 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(221, 227, 198)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 198)  
}
```

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(221, 227, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 198) }
```

Border

The CSS property to change the border of an element to RYB 198, 227, 204 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(221, 227, 198) }
```

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

```
.border{ border-color:rgb(221, 227, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 227, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 227, 198); box-shadow:4px 4px 4px 4px rgb(221, 227, 198) }
```

Background

The CSS property to change the background color of an element to RYB 198, 227, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 198) }
```

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

```
.background{ background-color: rgb(221,  
227, 198) }
```

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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