

Converting Colors

`RYB(205, 227, 194)`

Have a look what the booklet for
RYB(205, 227, 194) contains.

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Color

R_YB(205, 227, 194)

Conversions

Conversions Part 1

Format	Color
Hex	E3DBC2
RGB	227, 219, 194
RGB Percent	89%, 86%, 76%
CMY	0.1098, 0.1422, 0.2392
CMYK	0.00, 0.04, 0.15, 0.11
HSL	45°, 37%, 83%
HSV	45°, 15%, 89%
XYZ	66.6825, 70.7586, 61.1822
YIQ	218.5420, 12.7930, -6.0790

Conversions

Conversions Part 2

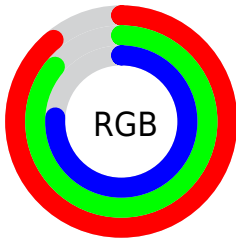
Format	Color
RYB	205, 227, 194
Decimal	14932930
CIELab	87.37, -1.27, 13.18
CIELCh	87, 13.242, 95.484
Yxy	70.7586, 0.3357, 0.3562
Android (android.graphics.Color)	4293123010 (0xFFE3DBC2)
YUV	218.5420, -12.0992, 7.4177
Hunter-Lab	84.1181, -5.7055, 15.7589

Details

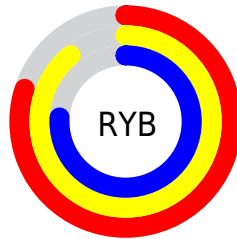
The RYB color **205, 227, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 200, 227**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **251, 255, 251**, and **149, 171, 140** is the 20% darker color. If you saturate the color by 10%, you get **190, 227, 171**, and if you desaturate by 10%, it is **221, 227, 217**.

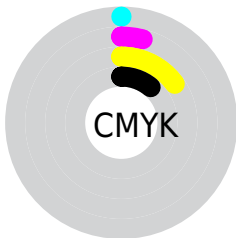
Distribution



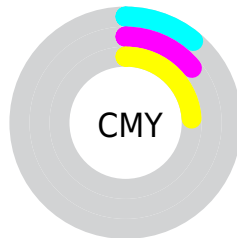
- Red (89%)
- Green (86%)
- Blue (76%)



- Red (80%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 227, 194 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 205, 227, 194 by changing the saturation by 10% instead.

 205, 227, 194


255, 255, 255

 251, 255, 251

 205, 227, 194

 178, 199, 167

 149, 171, 140

 124, 145, 115

 99, 119, 90

 75, 94, 67

 50, 70, 44

 29, 47, 24


 8, 28, 0

 0, 0, 0

 205, 227, 194

 205, 227, 194

 190, 227, 171

 221, 227, 217

 176, 227, 149


 227, 229, 239

 159, 227, 126


 227, 234, 255

 144, 227, 103

 227, 236, 255

 131, 227, 81

 227, 239, 255


 114, 227, 58

 227, 240, 255

 99, 227, 35

 227, 241, 255

 84, 227, 12

 76, 227, 0

Harmonies

Analogous

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



239, 230, 196



205, 227, 194



198, 223, 208

Triad

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



205, 227, 194



188, 209, 233



238, 212, 230

Complementary

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



205, 227, 194



194, 200, 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.



224, 215, 239



205, 227, 194



195, 212, 241

Square

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



205, 227, 194



189, 210, 227



209, 217, 244



245, 210, 217

Rectangle

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



205, 227, 194



203, 224, 225



209, 217, 244



234, 213, 233

Sweetspot

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



205, 227, 194



249, 255, 245



227, 194, 202



124, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



205, 227, 194



227, 255, 212



194, 227, 202



107, 115, 103



60, 179, 0



17, 51, 0

Inverse Universe

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



194, 200, 227



212, 220, 255



202, 194, 227



103, 105, 115



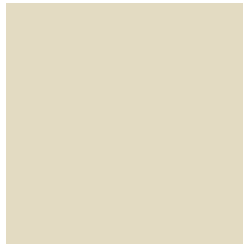
0, 36, 179



0, 10, 51

Previews

White Background



This preview shows how the RYB color 205, 227, 194 looks on a white background.

Color Contrast Check

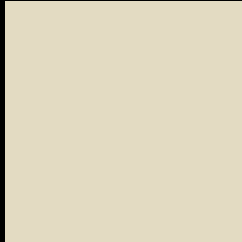
Large Text (above 18pt) WCAG AA × Fail

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 205, 227, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

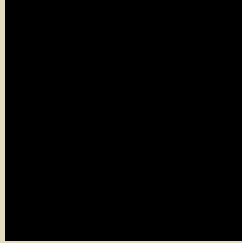
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

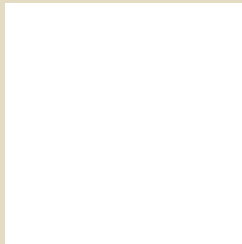
Any Text WCAG AAA ✓ Pass

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

RYB 205, 227, 194 Background



This preview shows how black text looks on a background with the RYB color 205, 227, 194.

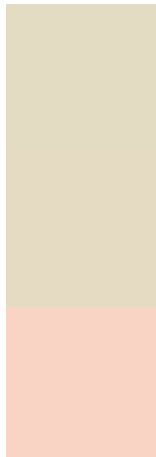


This preview shows how white text looks on a background with the RYB color 205, 227, 194.

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](#).

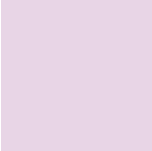
Dichromacy



Original Color
205, 227, 194

Protanopia
210, 229, 194

Deuteranopia
249, 217, 196



Tritanopia
232, 213, 230

Trichromacy



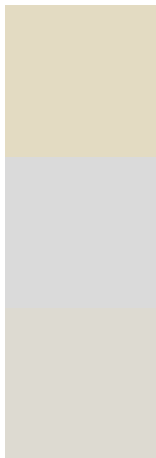
Original Color
205, 227, 194

Protanomaly
208, 228, 194

Deuteranomaly
241, 227, 195

Tritanomaly
230, 215, 217

Monochromacy



Original Color
205, 227, 194

Achromatopsia
218, 218, 218

Achromatomaly
213, 221, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 227, 194 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(227, 219, 194) looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 194)  
}
```

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(227, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 194) }
```

Border

The CSS property to change the border of an element to RYB 205, 227, 194 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(227, 219, 194) }
```

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

```
.border{ border-color:rgb(227, 219, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 219, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 219, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 219, 194); box-shadow:4px 4px 4px 4px rgb(227, 219, 194) }
```

Background

The CSS property to change the background color of an element to RYB 205, 227, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 194) }
```

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

```
.background{ background-color: rgb(227,  
219, 194) }
```

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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