

Converting Colors

`RYB(197, 214, 177)`

Have a look what the booklet for
RYB(197, 214, 177) contains.

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Color

R_YB(197, 214, 177)

Conversions

Conversions Part 1

Format	Color
Hex	D6C9B1
RGB	214, 201, 177
RGB Percent	84%, 79%, 69%
CMY	0.1608, 0.2117, 0.3059
CMYK	0.00, 0.06, 0.17, 0.16
HSL	39°, 31%, 77%
HSV	39°, 17%, 84%
XYZ	56.5581, 59.2519, 50.0508
YIQ	202.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

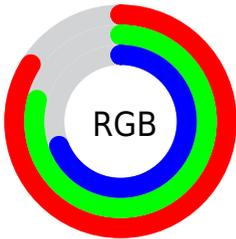
Format	Color
RYB	197, 214, 177
Decimal	14076337
CIELab	81.43, 0.60, 13.63
CIELCh	81, 13.643, 87.488
Yxy	59.2519, 0.3410, 0.3572
Android (android.graphics.Color)	4292266417 (0xFFD6C9B1)
YUV	202.1510, -12.3994, 10.3916
Hunter-Lab	76.9753, -3.5527, 15.3312

Details

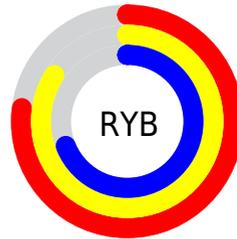
The RYB color **197, 214, 177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **177, 187, 214**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **233, 255, 233**, and **142, 159, 124** is the 20% darker color. If you saturate the color by 10%, you get **187, 214, 156**, and if you desaturate by 10%, it is **205, 214, 198**.

Distribution



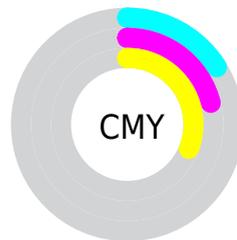
- Red (84%)
- Green (79%)
- Blue (69%)



- Red (77%)
- Yellow (84%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 214, 177 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 197, 214, 177 by changing the saturation by 10% instead.

 197, 214, 177

255, 255, 255

 233, 255, 233

 197, 214, 177

 168, 186, 150

 142, 159, 124

 118, 133, 99

 90, 107, 75

 68, 83, 53

 44, 59, 31

 19, 37, 8

 10, 10, 0

 0, 0, 0

■ 197, 214, 177

■ 197, 214, 177

■ 187, 214, 156

■ 205, 214, 198

■ 177, 214, 134

■ 214, 216, 220

■ 169, 214, 113

■ 214, 221, 241

■ 157, 214, 91

■ 214, 226, 255

■ 149, 214, 70

■ 214, 230, 255

■ 138, 214, 49

■ 214, 232, 255

■ 129, 214, 27

■ 214, 234, 255

■ 118, 214, 6

■ 214, 235, 255

■ 115, 214, 0

Harmonies

Analogous

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



225, 206, 181



197, 214, 177



180, 205, 185

Triad

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



197, 214, 177



170, 191, 214



218, 196, 216

Complementary

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



197, 214, 177



177, 187, 214

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.



204, 199, 225



197, 214, 177



175, 194, 223

Square

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



197, 214, 177



174, 195, 210



188, 199, 228



228, 194, 204

Rectangle

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



197, 214, 177



185, 207, 202



188, 199, 228



214, 197, 220

Sweetspot

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



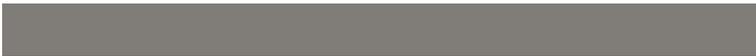
197, 214, 177



248, 255, 242



214, 177, 191



125, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

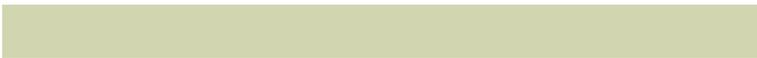
The Same Dimension uses a secret algorithm to generate beautiful new colors.



197, 214, 177



230, 255, 201



177, 214, 182



102, 107, 96



92, 171, 0



23, 43, 0

Inverse Universe

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



177, 187, 214



201, 215, 255



182, 177, 214



96, 99, 107



0, 44, 171



0, 11, 43

Previews

White Background



This preview shows how the RYB color 197, 214, 177 looks on a white background.

Color Contrast Check

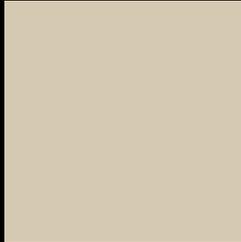
Large Text (above 18pt) WCAG AA × Fail

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 197, 214, 177 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

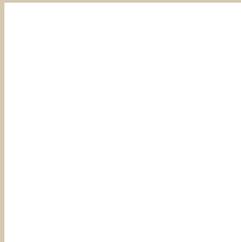
Any Text WCAG AAA ✓ Pass

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

RYB 197, 214, 177 Background



This preview shows how black text looks on a background with the RYB color 197, 214, 177.



This preview shows how white text looks on a background with the RYB color 197, 214, 177.

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
197, 214, 177

Protanopia
191, 212, 177

Deuteranopia
231, 203, 178



Tritanopia
219, 196, 211

Trichromacy



Original Color

197, 214, 177

Protanomaly

193, 213, 177

Deuteranomaly

225, 210, 178

Tritanomaly

217, 198, 199

Monochromacy



Original Color

197, 214, 177

Achromatopsia

202, 202, 202

Achromatomaly

199, 206, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 214, 177 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(214, 201, 177) looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 177)  
}
```

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(214, 201, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 177) }
```

Border

The CSS property to change the border of an element to RYB 197, 214, 177 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(214, 201, 177) }
```

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

```
.border{ border-color:rgb(214, 201, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 201, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 201, 177); box-shadow:4px 4px 4px 4px rgb(214, 201, 177) }
```

Background

The CSS property to change the background color of an element to RGB 197, 214, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 177) }
```

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

```
.background{ background-color: rgb(214,  
201, 177) }
```

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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