

Converting Colors

`RYB(170, 212, 175)`

Have a look what the booklet for
RYB(170, 212, 175) contains.

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Color

$\text{RYB}(170, 212, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	CFD4AA
RGB	207, 212, 170
RGB Percent	81%, 83%, 67%
CMY	0.1882, 0.1686, 0.3333
CMYK	0.02, 0.00, 0.20, 0.17
HSL	67°, 33%, 75%
HSV	67°, 20%, 83%
XYZ	56.5313, 63.2546, 47.2601
YIQ	205.7170, 10.5020, -14.1220

Conversions

Conversions Part 2

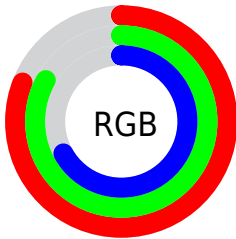
Format	Color
RYB	170, 212, 175
Decimal	13620394
CIELab	83.58, -8.72, 20.25
CIELCh	84, 22.052, 113.292
Yxy	63.2546, 0.3384, 0.3787
Android (android.graphics.Color)	4291810474 (0xFFCFD4AA)
YUV	205.7170, -17.6085, 1.1252
Hunter-Lab	79.5328, -12.3059, 20.4416

Details

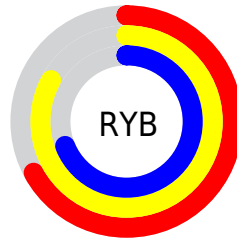
The RYB color **170, 212, 175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175, 170, 212**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **225, 255, 225**, and **118, 157, 123** is the 20% darker color. If you saturate the color by 10%, you get **149, 212, 157**, and if you desaturate by 10%, it is **191, 212, 193**.

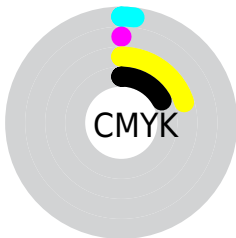
Distribution



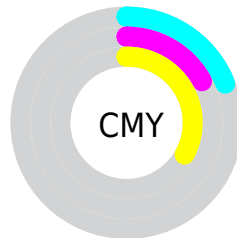
- Red (81%)
- Green (83%)
- Blue (67%)



- Red (67%)
- Yellow (83%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 212, 175 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 170, 212, 175 by changing the saturation by 10% instead.

 170, 212, 175

255, 255, 255


 225, 255, 225

254, 255, 254

 170, 212, 175

 143, 184, 148

 118, 157, 123


 93, 131, 98

 69, 106, 74

 46, 82, 51

 25, 59, 31

 0, 37, 5

 0, 18, 18

 0, 0, 0

 170, 212, 175

 170, 212, 175

 149, 212, 157

 191, 212, 193

 128, 212, 138

 212, 212, 212

 106, 212, 119

 215, 212, 234

 85, 212, 100

 217, 212, 255

 64, 212, 82

 220, 212, 255

 43, 212, 63

 222, 212, 255

 22, 212, 45

 225, 212, 255

 0, 212, 25

 227, 212, 255

 230, 212, 255

Harmonies

Analogous

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



206, 229, 167



170, 212, 175



183, 217, 217

Triad

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



170, 212, 175



158, 192, 241



247, 194, 214

Complementary

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



170, 212, 175



175, 170, 212

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.



231, 198, 233



170, 212, 175



179, 201, 249

Square

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



170, 212, 175



152, 187, 224



206, 205, 246



252, 194, 193

Rectangle

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



170, 212, 175



169, 201, 219



206, 205, 246



243, 195, 221

Sweetspot

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



170, 212, 175



240, 255, 242



212, 176, 170



119, 128, 121



0, 0, 0



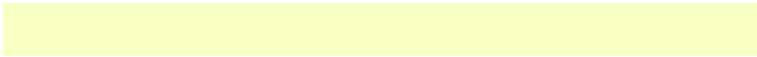
128, 128, 128

Same Dimension

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



170, 212, 175



194, 255, 201



170, 212, 196



96, 107, 97



0, 171, 20



0, 43, 5

Inverse Universe

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



175, 170, 212



201, 194, 255



196, 170, 212



98, 96, 107



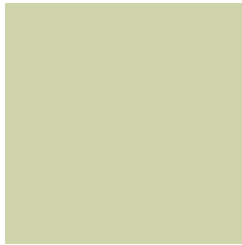
20, 0, 171



5, 0, 43

Previews

White Background



This preview shows how the RYB color 170, 212, 175 looks on a white background.

Color Contrast Check

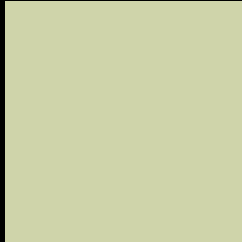
Large Text (above 18pt) WCAG AA × Fail

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 170, 212, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

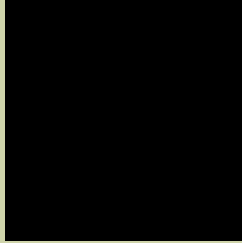
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

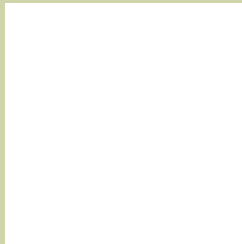
Any Text WCAG AAA ✓ Pass

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

RYB 170, 212, 175 Background



This preview shows how black text looks on a background with the RYB color 170, 212, 175.



This preview shows how white text looks on a background with the RYB color 170, 212, 175.

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](#).

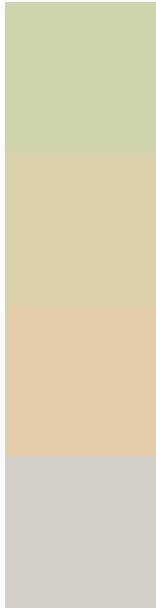
Dichromacy





Tritanopia
214, 205, 221

Trichromacy



Original Color
170, 212, 175

Protanomaly
177, 216, 169

Deuteranomaly
215, 229, 171

Tritanomaly
207, 211, 202

Monochromacy



Original Color
170, 212, 175

Achromatopsia
206, 206, 206

Achromatomaly
193, 208, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 212, 175 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(207, 212, 170)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 170)  
}
```

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(207, 212, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 170) }
```

Border

The CSS property to change the border of an element to RYB 170, 212, 175 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(207, 212, 170) }
```

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

```
.border{ border-color:rgb(207, 212, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 212, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 170);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 170, 212, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 170) }
```

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

```
.background{ background-color: rgb(207,  
212, 170) }
```

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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