

Converting Colors

`RYB(180, 200, 140)`

Have a look what the booklet for
RYB(180, 200, 140) contains.

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Color

R_YB(180, 200, 140)

Conversions

Conversions Part 1

Format	Color
Hex	C8B08C
RGB	200, 176, 140
RGB Percent	78%, 69%, 55%
CMY	0.2157, 0.3098, 0.4510
CMYK	0.00, 0.12, 0.30, 0.22
HSL	36°, 35%, 67%
HSV	36°, 30%, 78%
XYZ	44.0784, 45.2235, 31.2168
YIQ	179.0720, 25.8600, -6.1080

Conversions

Conversions Part 2

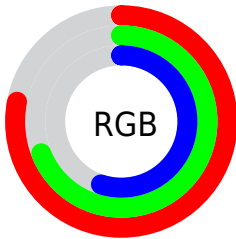
Format	Color
RYB	180, 200, 140
Decimal	13152396
CIELab	73.04, 3.23, 21.64
CIELCh	73, 21.877, 81.507
Yxy	45.2235, 0.3657, 0.3752
Android (android.graphics.Color)	4291342476 (0xFFC8B08C)
YUV	179.0720, -19.2625, 18.3539
Hunter-Lab	67.2484, -0.6858, 19.5514

Details

The RYB color **180, 200, 140** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **140, 157, 200**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **231, 255, 194**, and **124, 145, 90** is the 20% darker color. If you saturate the color by 10%, you get **173, 200, 120**, and if you desaturate by 10%, it is **187, 200, 160**.

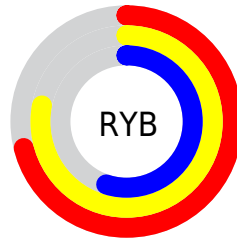
Distribution



Red (78%)

Green (69%)

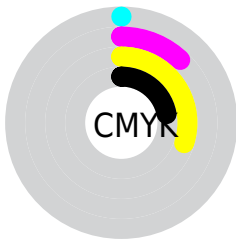
Blue (55%)



Red (71%)

Yellow (78%)

Blue (55%)

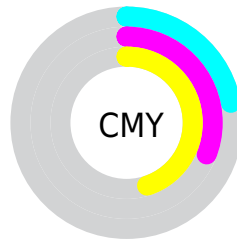


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 200, 140 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 180, 200, 140 by changing the saturation by 10% instead.

 180, 200, 140

255, 255, 255

 231, 255, 194

 222, 255, 222


 250, 255, 250

 180, 200, 140

 152, 172, 114

 124, 145, 90

 98, 119, 66

 71, 93, 43

 49, 69, 22

 22, 46, 0

 21, 13, 0

 0, 0, 0

 180, 200, 140


 180, 200, 140

 173, 200, 120


 187, 200, 160

 167, 200, 100


 193, 200, 180

 160, 200, 80


 200, 200, 200

 153, 200, 60

 200, 206, 220

 147, 200, 40

 200, 211, 240

 140, 200, 20

 200, 217, 255

 133, 200, 0

 200, 220, 255

 200, 223, 255

 200, 226, 255

Harmonies

Analogous

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



215, 180, 149



180, 200, 140



142, 183, 146

Triad

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



180, 200, 140



124, 158, 193



200, 170, 204

Complementary

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



180, 200, 140



140, 157, 200

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.



175, 176, 216



180, 200, 140



128, 163, 210

Square

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



180, 200, 140



136, 168, 190



148, 171, 218



216, 166, 186

Rectangle

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



180, 200, 140



149, 186, 171



148, 171, 218



192, 172, 209

Sweetspot

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



180, 200, 140



247, 255, 232



200, 140, 164



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



180, 200, 140



225, 255, 163



140, 200, 146



97, 99, 90



108, 163, 0



26, 36, 0

Inverse Universe

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



140, 157, 200



163, 189, 255



146, 140, 200



90, 92, 99



0, 46, 163



0, 10, 36

Previews

White Background



This preview shows how the RYB color 180, 200, 140 looks on a white background.

Color Contrast Check

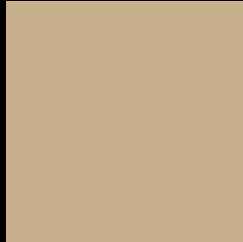
Large Text (above 18pt) WCAG AA × Fail

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 180, 200, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

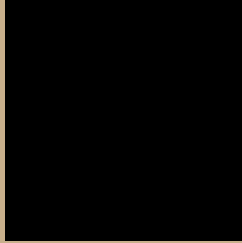
Any Text WCAG AA ✓ Pass

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](#).

R Y B 180, 200, 140 Background



This preview shows how black text looks on a background with the RYB color 180, 200, 140.



This preview shows how white text looks on a background with the RYB color 180, 200, 140.

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
180, 200, 140

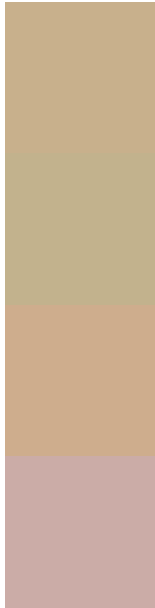
Protanopia
157, 191, 141

Deuteranopia
210, 197, 141



Tritanopia
205, 170, 183

Trichromacy



Original Color

180, 200, 140

Protanomaly

164, 194, 141

Deuteranomaly

206, 204, 141

Tritanomaly

203, 173, 167

Monochromacy



Original Color

180, 200, 140

Achromatopsia

179, 179, 179

Achromatomaly

180, 187, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 200, 140 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(200, 176, 140) looks like.

```
.text, #text, p{  
    color:rgb(200, 176, 140)  
}
```

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(200, 176, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 176, 140) }
```

Border

The CSS property to change the border of an element to RYB 180, 200, 140 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(200, 176, 140) }
```

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

```
.border{ border-color:rgb(200, 176, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 176, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 176, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 176, 140);  
box-shadow:4px 4px 4px 4px rgb(200, 176,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 180, 200, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 176, 140) }
```

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

```
.background{ background-color: rgb(200,  
176, 140) }
```

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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