

Converting Colors

`RYB(197, 199, 178)`

Have a look what the booklet for
RYB(197, 199, 178) contains.

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Color

R_YB(197, 199, 178)

Conversions

Conversions Part 1

Format	Color
Hex	C7BDB2
RGB	199, 189, 178
RGB Percent	78%, 74%, 70%
CMY	0.2196, 0.2587, 0.3020
CMYK	0.00, 0.05, 0.11, 0.22
HSL	32°, 16%, 74%
HSV	32°, 11%, 78%
XYZ	49.7920, 51.7624, 49.4863
YIQ	190.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

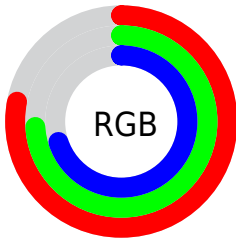
Format	Color
RYB	197, 199, 178
Decimal	13090226
CIELab	77.14, 1.61, 6.81
CIELCh	77, 7.001, 76.724
Yxy	51.7624, 0.3297, 0.3427
Android (android.graphics.Color)	4291280306 (0xFFC7BDB2)
YUV	190.7360, -6.2788, 7.2475
Hunter-Lab	71.9461, -2.3704, 9.5811

Details

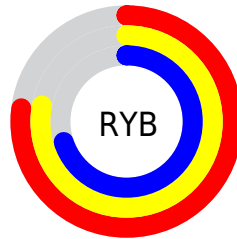
The RYB color **197, 199, 178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **178, 185, 199**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **253, 255, 234**, and **141, 145, 125** is the 20% darker color. If you saturate the color by 10%, you get **193, 199, 158**, and if you desaturate by 10%, it is **199, 198, 198**.

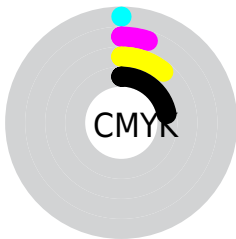
Distribution



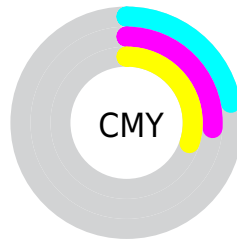
- Red (78%)
- Green (74%)
- Blue (70%)



- Red (77%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 199, 178 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, 199, 178 by changing the saturation by 10% instead.

■ 197, 199, 178

255, 255, 255

■ 253, 255, 234

■ 197, 199, 178

■ 170, 172, 151

■ 141, 145, 125

■ 117, 119, 100

■ 95, 95, 77

■ 69, 71, 54

■ 46, 48, 33

■ 21, 28, 10

■ 0, 0, 0

■ 197, 199, 178


■ 197, 199, 178

 193, 199, 158


 199, 198, 198

 193, 199, 138


 199, 205, 218

 190, 199, 118

 199, 211, 238

 189, 199, 98

 199, 218, 255

 188, 199, 79

 199, 221, 255

 187, 199, 59

 199, 225, 255

 184, 199, 39

 199, 227, 255

 184, 199, 19

 182, 199, 0

Harmonies

Analogous

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



204, 189, 181



197, 199, 178



179, 192, 178

Triad

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



197, 199, 178



175, 185, 194



196, 188, 199

Complementary

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



197, 199, 178



178, 185, 199

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.



188, 190, 203



197, 199, 178



176, 186, 200

Square

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



197, 199, 178



178, 188, 194



181, 188, 203



202, 186, 194

Rectangle

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



197, 199, 178



180, 192, 185



181, 188, 203



194, 188, 201

Sweetspot

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



197, 199, 178



255, 255, 247



199, 178, 188



128, 128, 122



0, 0, 0



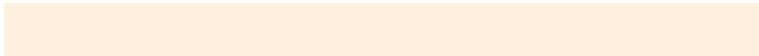
128, 128, 128

Same Dimension

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



197, 199, 178



253, 255, 222



178, 199, 178



97, 99, 90



146, 163, 0



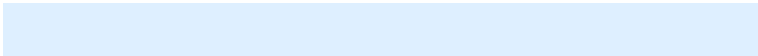
32, 36, 0

Inverse Universe

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



178, 185, 199



222, 233, 255



178, 178, 199



90, 93, 99



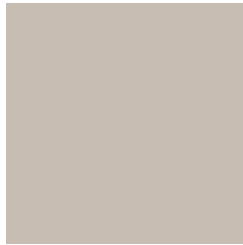
0, 53, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 197, 199, 178 looks on a white background.

Color Contrast Check

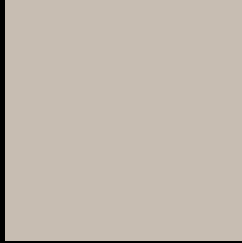
Large Text (above 18pt) WCAG AA × Fail

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, 199, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

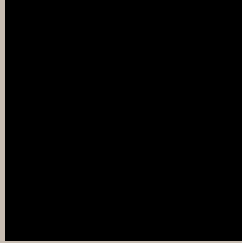
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

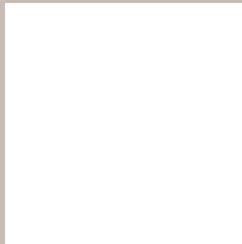
Any Text WCAG AAA ✓ Pass

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

R Y B 197, 199, 178 Background



This preview shows how black text looks on a background with the RYB color 197, 199, 178.

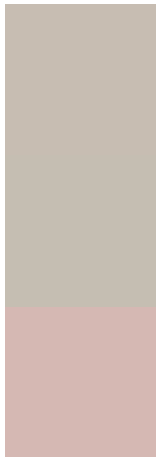


This preview shows how white text looks on a background with the RYB color 197, 199, 178.

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, 199, 178

Protanopia
189, 197, 178

Deuteranopia
213, 185, 179



Tritanopia
202, 186, 200

Trichromacy



Original Color

197, 199, 178

Protanomaly

191, 198, 178

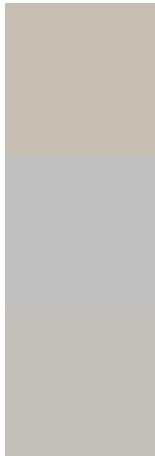
Deuteranomaly

208, 188, 179

Tritanomaly

201, 187, 192

Monochromacy



Original Color

197, 199, 178

Achromatopsia

191, 191, 191

Achromatomaly

194, 194, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 199, 178 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(199, 189, 178) looks like.

```
.text, #text, p{  
    color:rgb(199, 189, 178)  
}
```

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(199, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 189, 178) }
```

Border

The CSS property to change the border of an element to RYB 197, 199, 178 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(199, 189, 178) }
```

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

```
.border{ border-color:rgb(199, 189, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 189,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 197, 199, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 189, 178) }
```

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

```
.background{ background-color: rgb(199,  
189, 178) }
```

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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