

Converting Colors

`RYB(197, 240, 180)`

Have a look what the booklet for
RYB(197, 240, 180) contains.

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Color

$\text{RYB}(197, 240, 180)$

Conversions

Conversions Part 1

Format	Color
Hex	F0E3B4
RGB	240, 227, 180
RGB Percent	94%, 89%, 71%
CMY	0.0588, 0.1108, 0.2941
CMYK	0.00, 0.06, 0.25, 0.06
HSL	47°, 67%, 82%
HSV	47°, 25%, 94%
XYZ	71.5750, 76.6238, 54.1975
YIQ	225.5290, 22.8350, -11.8610

Conversions

Conversions Part 2

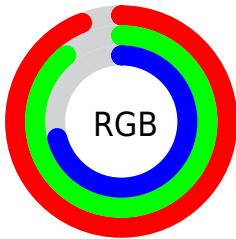
Format	Color
RYB	197, 240, 180
Decimal	15786932
CIELab	90.15, -2.64, 24.51
CIELCh	90, 24.653, 96.148
Yxy	76.6238, 0.3536, 0.3786
Android (android.graphics.Color)	4293977012 (0xFFFF0E3B4)
YUV	225.5290, -22.4458, 12.6911
Hunter-Lab	87.5350, -7.2317, 24.5650

Details

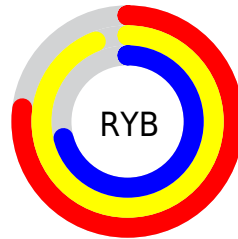
The RYB color **197, 240, 180** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **180, 191, 240**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **236, 255, 236**, and **141, 183, 127** is the 20% darker color. If you saturate the color by 10%, you get **181, 240, 156**, and if you desaturate by 10%, it is **214, 240, 204**.

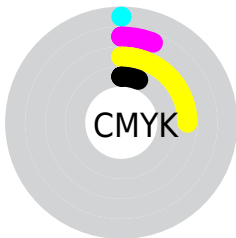
Distribution



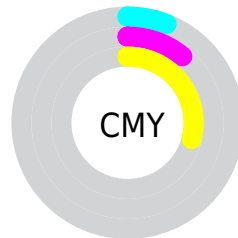
- Red (94%)
- Green (89%)
- Blue (71%)



- Red (77%)
- Yellow (94%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 240, 180 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, 240, 180 by changing the saturation by 10% instead.

■ 197, 240, 180

255, 255, 255

■ 236, 255, 236

■ 197, 240, 180

■ 168, 211, 153

■ 141, 183, 127

■ 116, 156, 102

■ 91, 130, 77

■ 65, 104, 54

■ 42, 79, 32

■ 17, 55, 10

■ 6, 33, 0

■ 0, 1, 1

 197, 240, 180

 197, 240, 180

 181, 240, 156

 214, 240, 204

 163, 240, 132


 232, 240, 228

 145, 240, 108

 240, 242, 252

 127, 240, 84

 240, 245, 255

 111, 240, 60

 240, 247, 255

 94, 240, 36

 240, 248, 255

 76, 240, 12

 68, 240, 0

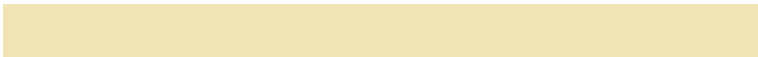
Harmonies

Analogous

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



255, 253, 184



197, 240, 180



188, 234, 208

Triad

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



197, 240, 180



163, 204, 254



255, 213, 246

Complementary

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



197, 240, 180



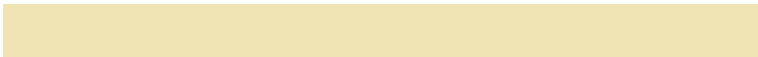
180, 191, 240

Split Complementary

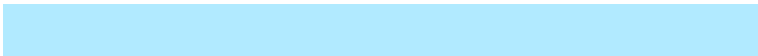
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 219, 255



197, 240, 180



177, 210, 255

Square

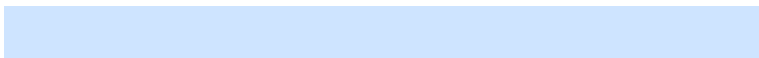
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197, 240, 180



167, 206, 240



206, 221, 255



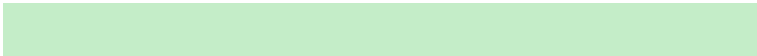
255, 210, 223

Rectangle

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



197, 240, 180



196, 233, 237



206, 221, 255



255, 214, 253

Sweetspot

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



197, 240, 180



242, 255, 235



240, 180, 194



119, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



197, 240, 180



201, 255, 179



180, 240, 196



112, 120, 108



53, 184, 0



15, 56, 0

Inverse Universe

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



180, 191, 240



179, 192, 255



196, 180, 240



108, 110, 120



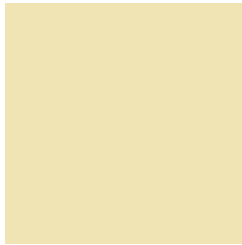
0, 34, 184



0, 10, 56

Previews

White Background



This preview shows how the RYB color 197, 240, 180 looks on a white background.

Color Contrast Check

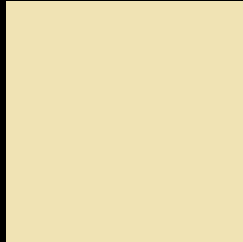
Large Text (above 18pt) WCAG AA × Fail

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, 240, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

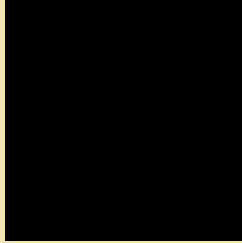
Any Text WCAG AA ✓ Pass

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, 240, 180 Background



This preview shows how black text looks on a background with the RYB color 197, 240, 180.

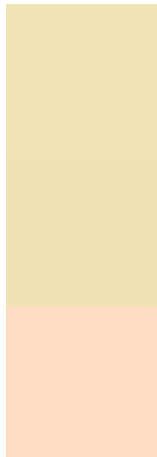


This preview shows how white text looks on a background with the RYB color 197, 240, 180.

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, 240, 180

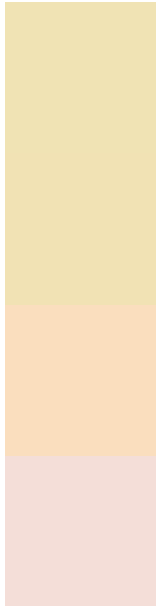
Protanopia
200, 241, 180

Deuteranopia
255, 238, 195



Tritanopia
247, 219, 236

Trichromacy



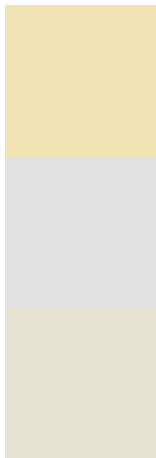
Original Color
197, 240, 180

Protanomaly
200, 241, 180

Deuteranomaly
243, 250, 190

Tritanomaly
244, 224, 216

Monochromacy



Original Color
197, 240, 180

Achromatopsia
225, 225, 225

Achromatomaly
214, 230, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 240, 180 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(240, 227, 180) looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 180)  
}
```

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(240, 227, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 180) }
```

Border

The CSS property to change the border of an element to RYB 197, 240, 180 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(240, 227, 180) }
```

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

```
.border{ border-color:rgb(240, 227, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 180);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 197, 240, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 180) }
```

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

```
.background{ background-color: rgb(240,  
227, 180) }
```

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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