

Converting Colors

`RYB(190, 246, 210)`

Have a look what the booklet for
RYB(190, 246, 210) contains.

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Color

R_YB(190, 246, 210)

Conversions

Conversions Part 1

Format	Color
Hex	E2F6BE
RGB	226, 246, 190
RGB Percent	89%, 96%, 75%
CMY	0.1137, 0.0353, 0.2549
CMYK	0.08, 0.00, 0.23, 0.04
HSL	81°, 76%, 85%
HSV	81°, 23%, 96%
XYZ	73.6141, 85.7980, 61.3960
YIQ	233.6360, 6.0560, -21.6560

Conversions

Conversions Part 2

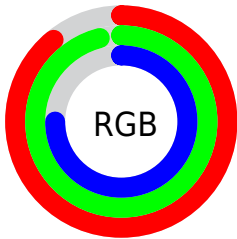
Format	Color
RYB	190, 246, 210
Decimal	14874302
CIELab	94.23, -15.94, 24.81
CIELCh	94, 29.492, 122.711
Yxy	85.7980, 0.3334, 0.3886
Android (android.graphics.Color)	4293064382 (0xFFE2F6BE)
YUV	233.6360, -21.5125, -6.6968
Hunter-Lab	92.6272, -20.2374, 25.5399

Details

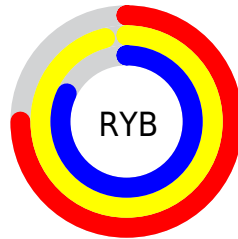
The RYB color **190, 246, 210** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **210, 190, 246**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **247, 255, 247**, and **136, 190, 156** is the 20% darker color. If you saturate the color by 10%, you get **165, 246, 194**, and if you desaturate by 10%, it is **215, 246, 226**.

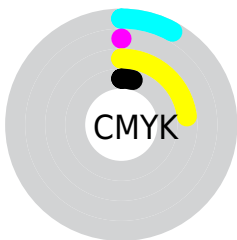
Distribution



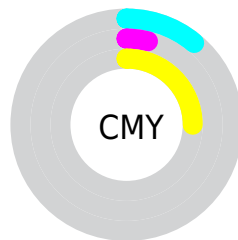
- Red (89%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 246, 210 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 190, 246, 210 by changing the saturation by 10% instead.

 190, 246, 210

255, 255, 255


 247, 255, 247


 190, 246, 210

 163, 218, 183

 136, 190, 156

 111, 163, 131

 86, 136, 105

 62, 111, 81

 40, 86, 58

 18, 63, 36

 0, 41, 16


 0, 22, 22

 190, 246, 210

 190, 246, 210

 165, 246, 194

 215, 246, 226

 141, 246, 179

 239, 246, 241

 116, 246, 162

 252, 246, 255

 92, 246, 147

 255, 246, 255

 67, 246, 131

 42, 246, 115

 18, 246, 100

 0, 246, 88

Harmonies

Analogous

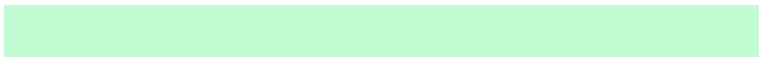
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 255, 182



190, 246, 210



194, 239, 252

Triad

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



190, 246, 210



173, 212, 255



255, 218, 237

Complementary

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



190, 246, 210



210, 190, 246

Split Complementary

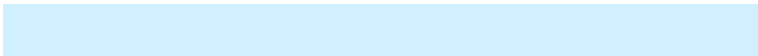
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 222, 255



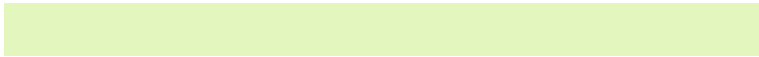
190, 246, 210



208, 227, 255

Square

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



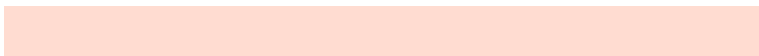
190, 246, 210



157, 205, 255



246, 230, 255



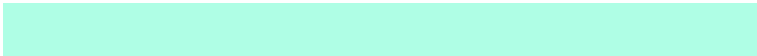
255, 223, 209

Rectangle

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



190, 246, 210



175, 222, 254



246, 230, 255



255, 219, 247

Sweetspot

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



190, 246, 210



237, 255, 243



246, 221, 190



117, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

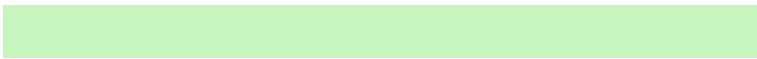
The Same Dimension uses a secret algorithm to generate beautiful new colors.



190, 246, 210



186, 255, 211



190, 246, 238



110, 122, 114



0, 186, 66



0, 59, 21

Inverse Universe

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



210, 190, 246



211, 186, 255



238, 190, 246



115, 110, 122



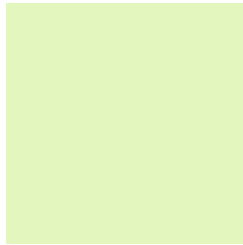
66, 0, 186



21, 0, 59

Previews

White Background



This preview shows how the RYB color 190, 246, 210 looks on a white background.

Color Contrast Check

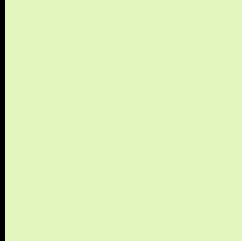
Large Text (above 18pt) WCAG AA × Fail

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 190, 246, 210 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

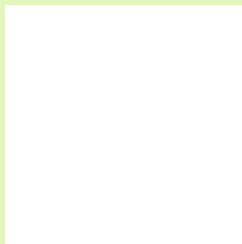
Any Text WCAG AAA ✓ Pass

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

RYB 190, 246, 210 Background



This preview shows how black text looks on a background with the RYB color 190, 246, 210.

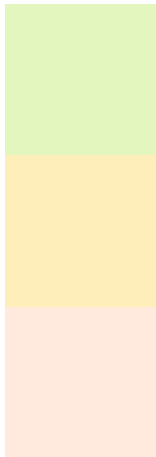


This preview shows how white text looks on a background with the RYB color 190, 246, 210.

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
190, 246, 210

Protanopia
207, 254, 186

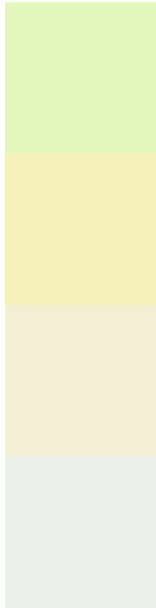
Deuteranopia
255, 242, 221



Tritanopia

236, 237, 255

Trichromacy



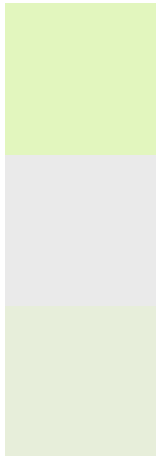
Original Color
190, 246, 210

Protanomaly
190, 244, 187

Deuteranomaly
217, 244, 210

Tritanomaly
231, 240, 239

Monochromacy



Original Color
190, 246, 210

Achromatopsia
234, 234, 234

Achromatomaly
218, 238, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 246, 210 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(226, 246, 190)` looks like.

```
.text, #text, p{  
    color:rgb(226, 246, 190)  
}
```

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(226, 246, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 246, 190) }
```

Border

The CSS property to change the border of an element to RYB 190, 246, 210 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(226, 246, 190) }
```

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

```
.border{ border-color:rgb(226, 246, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 246, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 246, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 246, 190); box-shadow:4px 4px 4px 4px rgb(226, 246, 190) }
```

Background

The CSS property to change the background color of an element to RYB 190, 246, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 246, 190) }
```

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

```
.background{ background-color: rgb(226,  
246, 190) }
```

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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