

Converting Colors

`RYB(190, 246, 232)`

Have a look what the booklet for
RYB(190, 246, 232) contains.

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Color

R_YB(190, 246, 232)

Conversions

Conversions Part 1

Format	Color
Hex	CCF6BE
RGB	204, 246, 190
RGB Percent	80%, 96%, 75%
CMY	0.2000, 0.0353, 0.2549
CMYK	0.17, 0.00, 0.23, 0.04
HSL	105°, 76%, 85%
HSV	105°, 23%, 96%
XYZ	67.1519, 82.4666, 61.0936
YIQ	227.0580, -7.0560, -26.3200

Conversions

Conversions Part 2

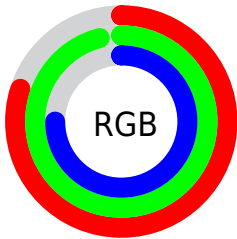
Format	Color
RYB	190, 246, 232
Decimal	13432510
CIELab	92.78, -23.56, 22.59
CIElCh	93, 32.640, 136.195
Yxy	82.4666, 0.3187, 0.3914
Android (android.graphics.Color)	4291622590 (0xFFCCCF6BE)
YUV	227.0580, -18.2696, -20.2219
Hunter-Lab	90.8111, -26.9245, 23.6802

Details

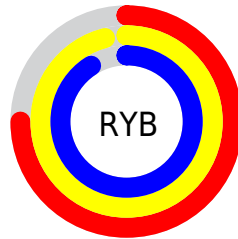
The RYB color **190, 246, 232** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **232, 190, 246**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **246, 255, 246**, and **136, 190, 177** is the 20% darker color. If you saturate the color by 10%, you get **165, 246, 225**, and if you desaturate by 10%, it is **215, 246, 239**.

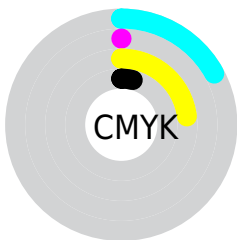
Distribution



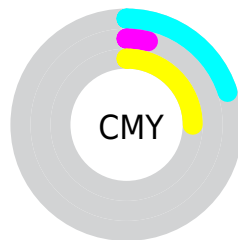
- Red (80%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 246, 232 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, 232 by changing the saturation by 10% instead.


 190, 246, 232


255, 255, 255


 246, 255, 246

 190, 246, 232

 163, 217, 204

 136, 190, 177

 111, 162, 150


 86, 136, 125

 62, 110, 99

 40, 86, 77

 18, 62, 55

 0, 40, 35

 0, 17, 17

 190, 246, 232

 190, 246, 232

 165, 246, 225

 215, 246, 239

 141, 246, 220

 239, 246, 244

 116, 246, 213

 255, 246, 255

 92, 246, 208

 67, 246, 201

 42, 246, 195

 18, 246, 189

 0, 246, 184

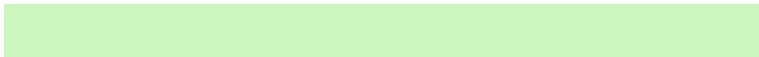
Harmonies

Analogous

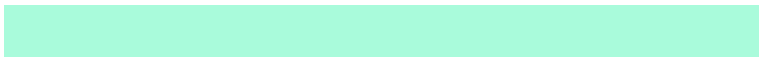
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



176, 240, 174



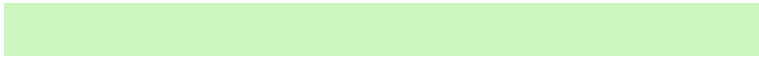
190, 246, 232



169, 220, 251

Triad

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



190, 246, 232



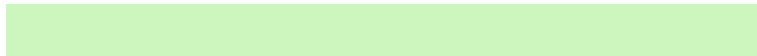
176, 212, 255



255, 212, 218

Complementary

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



190, 246, 232



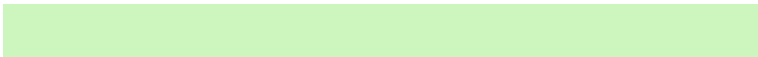
232, 190, 246

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, 213, 250



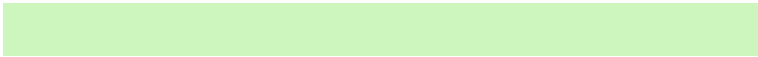
190, 246, 232



219, 228, 255

Square

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



190, 246, 232



145, 198, 255



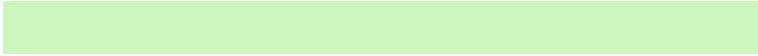
255, 221, 255



255, 236, 190

Rectangle

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



190, 246, 232



151, 205, 252



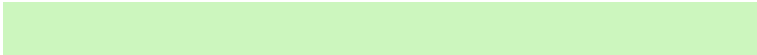
255, 221, 255



255, 211, 229

Sweetspot

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



190, 246, 232



237, 255, 250



209, 246, 190



117, 128, 125



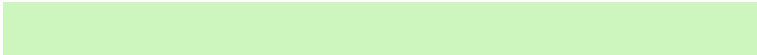
0, 0, 0



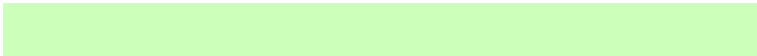
128, 128, 128

Same Dimension

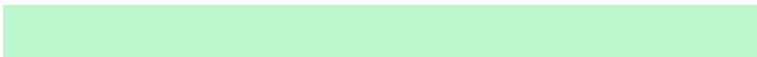
The Same Dimension uses a secret algorithm to generate beautiful new colors.



190, 246, 232



186, 255, 238



190, 235, 246



110, 122, 119



0, 186, 139



0, 59, 44

Inverse Universe

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



232, 190, 246



238, 186, 255



246, 190, 232



119, 110, 122



140, 0, 186



44, 0, 59

Previews

White Background



This preview shows how the RYB color 190, 246, 232 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, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

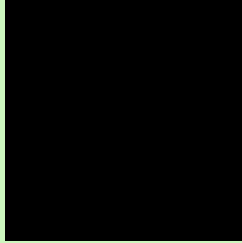
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

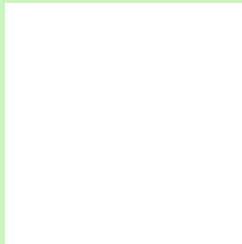
Any Text WCAG AAA ✓ Pass

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

RYB 190, 246, 232 Background



This preview shows how black text looks on a background with the RYB color 190, 246, 232.

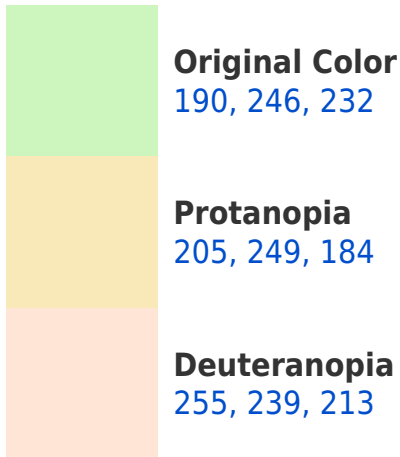


This preview shows how white text looks on a background with the RYB color 190, 246, 232.

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

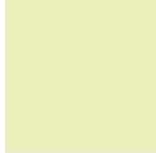
216, 230, 255

Trichromacy



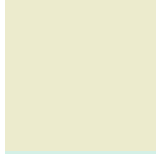
Original Color

190, 246, 232



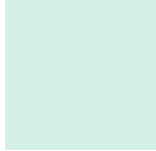
Protanomaly

186, 238, 191



Deuteranomaly

206, 236, 205



Tritanomaly

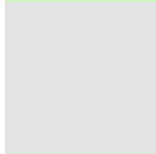
212, 229, 240

Monochromacy



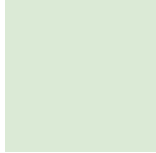
Original Color

190, 246, 232



Achromatopsia

227, 227, 227



Achromatomaly

214, 234, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 246, 232 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(204, 246, 190)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 246, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 246, 190) }
```

Border

The CSS property to change the border of an element to RYB 190, 246, 232 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(204, 246, 190) }
```

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

```
.border{ border-color:rgb(204, 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(204, 246, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 246, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 246, 190);  
box-shadow:4px 4px 4px 4px rgb(204, 246,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 190, 246, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 246, 190) }
```

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

```
.background{ background-color: rgb(204,  
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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