

Converting Colors

`RYB(192, 245, 212)`

Have a look what the booklet for
RYB(192, 245, 212) contains.

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Color

R_YB(192, 245, 212)

Conversions

Conversions Part 1

Format	Color
Hex	E1F5C0
RGB	225, 245, 192
RGB Percent	88%, 96%, 75%
CMY	0.1176, 0.0392, 0.2471
CMYK	0.08, 0.00, 0.22, 0.04
HSL	83°, 73%, 86%
HSV	83°, 22%, 96%
XYZ	73.2182, 85.1181, 62.4396
YIQ	232.9780, 5.0930, -20.7230

Conversions

Conversions Part 2

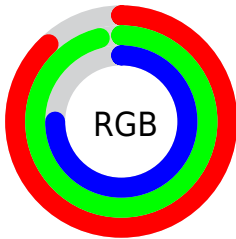
Format	Color
RYB	192, 245, 212
Decimal	14808512
CIELab	93.93, -15.50, 23.38
CIELCh	94, 28.053, 123.549
Yxy	85.1181, 0.3316, 0.3855
Android (android.graphics.Color)	4292998592 (0xFFE1F5C0)
YUV	232.9780, -20.2022, -6.9967
Hunter-Lab	92.2595, -19.7945, 24.4552

Details

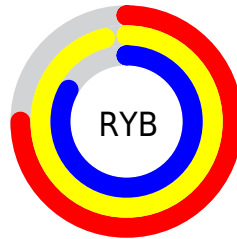
The RYB color **192, 245, 212** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **212, 192, 245**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **249, 255, 249**, and **138, 189, 158** is the 20% darker color. If you saturate the color by 10%, you get **168, 245, 197**, and if you desaturate by 10%, it is **217, 245, 228**.

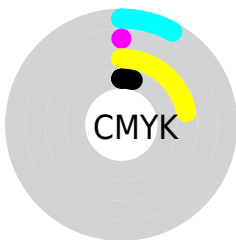
Distribution



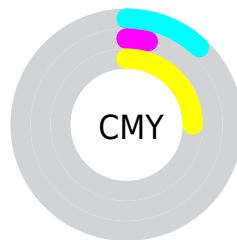
- Red (88%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 245, 212 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 192, 245, 212 by changing the saturation by 10% instead.

 192, 245, 212

255, 255, 255


 249, 255, 249


 192, 245, 212


 165, 217, 185

 138, 189, 158

 113, 162, 132

 88, 135, 106

 64, 110, 82

 41, 86, 59

 20, 62, 38

 0, 40, 16

 0, 22, 22

■ 192, 245, 212

■ 192, 245, 212

■ 168, 245, 197

■ 217, 245, 228

■ 143, 245, 181

■ 241, 245, 243

■ 118, 245, 166

■ 253, 245, 255

■ 94, 245, 151

■ 255, 245, 255

■ 70, 245, 136

■ 45, 245, 120

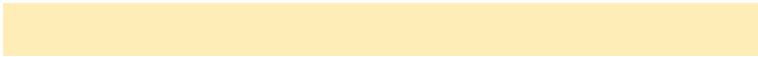
■ 21, 245, 106

■ 0, 245, 92

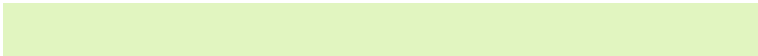
Harmonies

Analogous

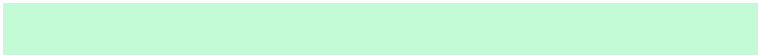
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 255, 184



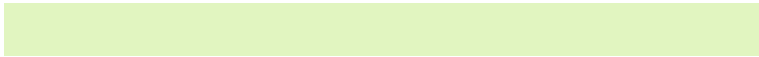
192, 245, 212



194, 237, 251

Triad

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



192, 245, 212



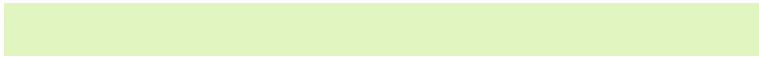
177, 214, 255



255, 218, 235

Complementary

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



192, 245, 212



212, 192, 245

Split Complementary

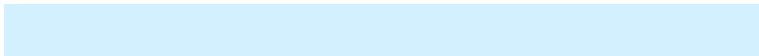
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 222, 255



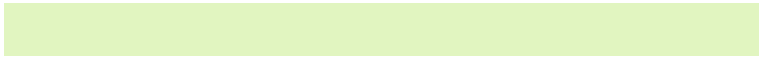
192, 245, 212



210, 228, 255

Square

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



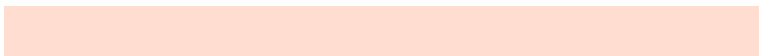
192, 245, 212



162, 208, 255



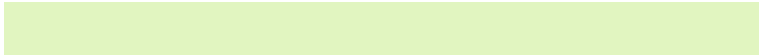
246, 230, 255



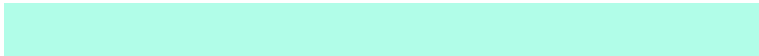
255, 225, 209

Rectangle

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



192, 245, 212



177, 221, 253



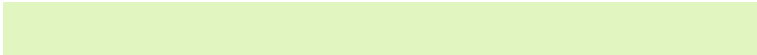
246, 230, 255



255, 219, 245

Sweetspot

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



192, 245, 212



240, 255, 246



245, 222, 192



119, 128, 123



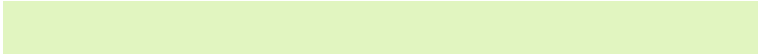
0, 0, 0



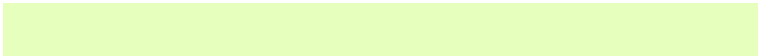
128, 128, 128

Same Dimension

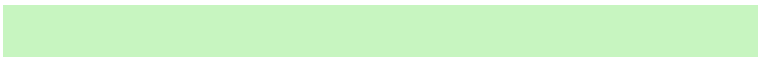
The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 245, 212



189, 255, 214



192, 245, 238



110, 122, 114



0, 186, 70



0, 59, 22

Inverse Universe

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



212, 192, 245



214, 189, 255



238, 192, 245



115, 110, 122



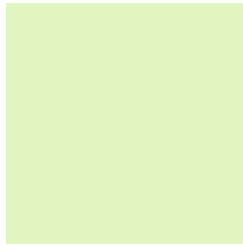
70, 0, 186



22, 0, 59

Previews

White Background



This preview shows how the RYB color 192, 245, 212 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 192, 245, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

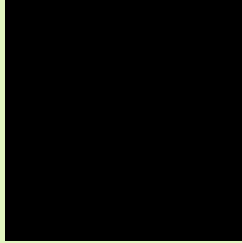
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

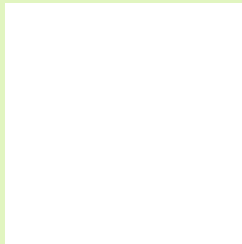
Any Text WCAG AAA ✓ Pass

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

RYB 192, 245, 212 Background



This preview shows how black text looks on a background with the RYB color 192, 245, 212.



This preview shows how white text looks on a background with the RYB color 192, 245, 212.

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

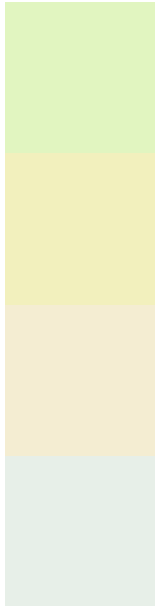




Tritanopia

234, 236, 255

Trichromacy



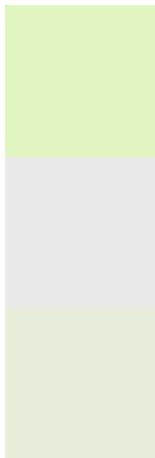
Original Color
192, 245, 212

Protanomaly
191, 242, 189

Deuteranomaly
219, 244, 210

Tritanomaly
231, 238, 239

Monochromacy



Original Color
192, 245, 212

Achromatopsia
233, 233, 233

Achromatomaly
218, 237, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 245, 212 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(225, 245, 192)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 192)  
}
```

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(225, 245, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 245, 212 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(225, 245, 192) }
```

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

```
.border{ border-color:rgb(225, 245, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 245, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 245, 192); box-shadow:4px 4px 4px 4px rgb(225, 245, 192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 245, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 192) }
```

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

```
.background{ background-color: rgb(225,  
245, 192) }
```

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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