

Converting Colors

`RYB(192, 252, 215)`

Have a look what the booklet for
RYB(192, 252, 215) contains.

RYB(192, 252, 215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(192, 252, 215)`

Conversions

Conversions Part 1

Format	Color
Hex	E5FCC0
RGB	229, 252, 192
RGB Percent	90%, 99%, 75%
CMY	0.1020, 0.0118, 0.2471
CMYK	0.09, 0.00, 0.24, 0.01
HSL	83°, 91%, 87%
HSV	83°, 24%, 99%
XYZ	76.6379, 90.0846, 63.2180
YIQ	238.2830, 5.5520, -23.5360

Conversions

Conversions Part 2

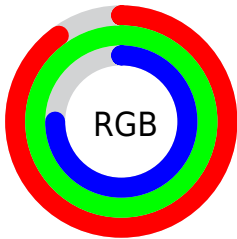
Format	Color
RYB	192, 252, 215
Decimal	15072448
CIELab	96.03, -17.52, 26.31
CIELCh	96, 31.608, 123.659
Yxy	90.0846, 0.3333, 0.3918
Android (android.graphics.Color)	4293262528 (0xFFE5FCC0)
YUV	238.2830, -22.8175, -8.1412
Hunter-Lab	94.9129, -21.9668, 26.9481

Details

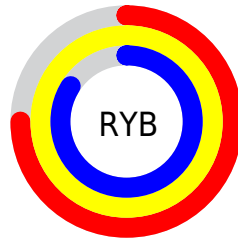
The RYB color **192, 252, 215** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **215, 192, 252**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **249, 255, 249**, and **138, 195, 160** is the 20% darker color. If you saturate the color by 10%, you get **167, 252, 200**, and if you desaturate by 10%, it is **217, 252, 230**.

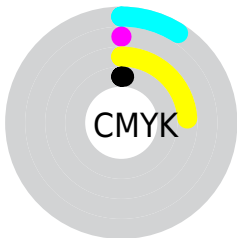
Distribution



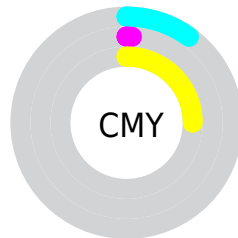
- Red (90%)
- Green (99%)
- Blue (75%)



- Red (75%)
- Yellow (99%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 252, 215 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, 252, 215 by changing the saturation by 10% instead.

 192, 252, 215


255, 255, 255

 249, 255, 249

 192, 252, 215


 165, 223, 187

 138, 195, 160

 112, 168, 134

 88, 142, 110

 64, 116, 85

 41, 91, 62

 19, 68, 40

 0, 45, 19

 0, 26, 26

■ 192, 252, 215

■ 192, 252, 215

■ 167, 252, 200

■ 217, 252, 230

■ 142, 252, 184

■ 242, 252, 246

■ 116, 252, 168

■ 255, 252, 255

■ 91, 252, 153

■ 66, 252, 137

■ 41, 252, 122

■ 16, 252, 107

■ 0, 252, 97

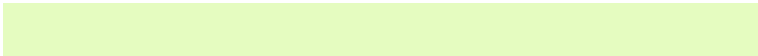
Harmonies

Analogous

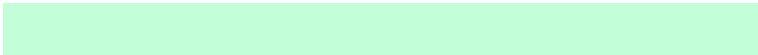
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196, 255, 182



192, 252, 215



194, 239, 255

Triad

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



192, 252, 215



173, 214, 255



255, 221, 241

Complementary

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



192, 252, 215



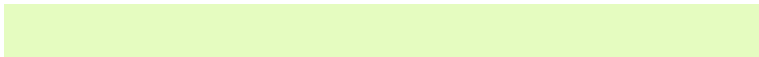
215, 192, 252

Split Complementary

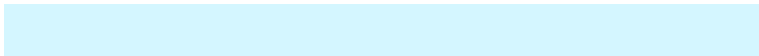
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 255



192, 252, 215



212, 231, 255

Square

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



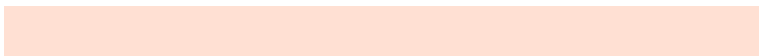
192, 252, 215



155, 205, 255



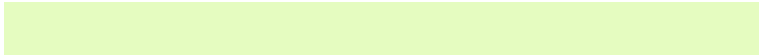
253, 234, 255



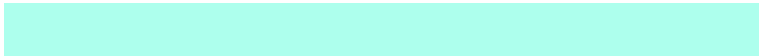
255, 229, 211

Rectangle

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



192, 252, 215



173, 219, 255



253, 234, 255



255, 222, 251

Sweetspot

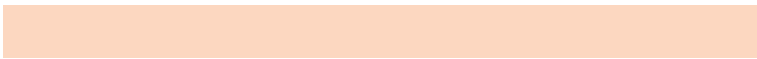
The Sweet Spot groups the original color and five complimentary colors.



192, 252, 215



237, 255, 244



252, 229, 192



117, 128, 121



0, 0, 0



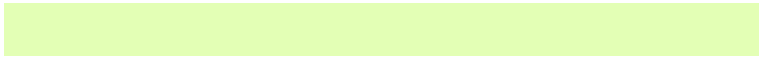
128, 128, 128

Same Dimension

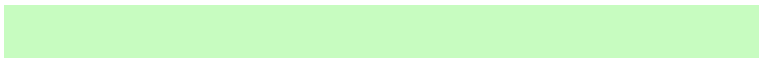
The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 252, 215



181, 255, 209



192, 252, 245



112, 125, 117



0, 189, 73



0, 61, 23

Inverse Universe

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



215, 192, 252



209, 181, 255



245, 192, 252



117, 112, 125



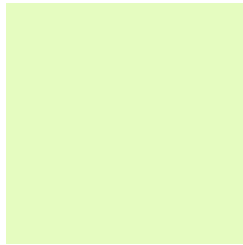
72, 0, 189



23, 0, 61

Previews

White Background



This preview shows how the RYB color 192, 252, 215 looks on a white background.

Color Contrast Check

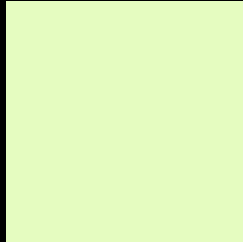
Large Text (above 18pt) WCAG AA × Fail

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, 252, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

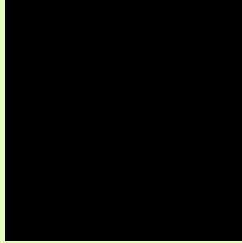
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

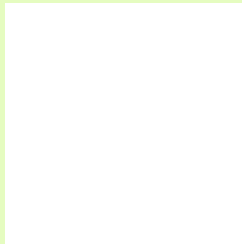
Any Text WCAG AAA ✓ Pass

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

RYB 192, 252, 215 Background



This preview shows how black text looks on a background with the RYB color 192, 252, 215.

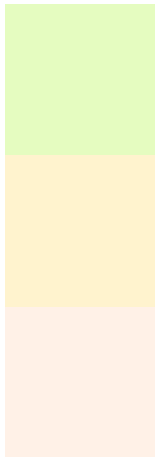


This preview shows how white text looks on a background with the RYB color 192, 252, 215.

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
192, 252, 215

Protanopia
222, 255, 206

Deuteranopia
255, 248, 231



Tritanopia

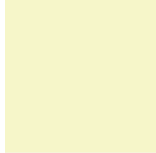
241, 243, 255

Trichromacy



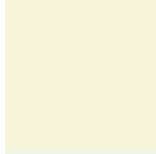
Original Color

192, 252, 215



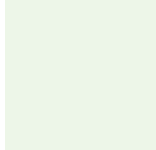
Protanomaly

201, 246, 201



Deuteranomaly

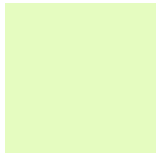
218, 246, 217



Tritanomaly

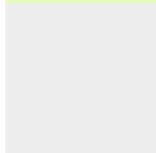
232, 246, 241

Monochromacy



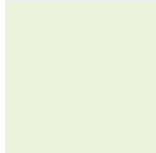
Original Color

192, 252, 215



Achromatopsia

238, 238, 238



Achromatomaly

221, 243, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 252, 215 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(229, 252, 192)` looks like.

```
.text, #text, p{  
    color:rgb(229, 252, 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(229, 252, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 252, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 252, 215 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(229, 252, 192) }
```

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

```
.border{ border-color:rgb(229, 252, 192) }
```

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

Here you see how a box with a 4 pixel rgb(229, 252, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 252, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 252, 192);  
box-shadow:4px 4px 4px 4px rgb(229, 252,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 252, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 252, 192) }
```

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

```
.background{ background-color: rgb(229,  
252, 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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