

Converting Colors

`RYB(192, 252, 217)`

Have a look what the booklet for
RYB(192, 252, 217) contains.

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Color

R_YB(192, 252, 217)

Conversions

Conversions Part 1

Format	Color
Hex	E3FCC0
RGB	227, 252, 192
RGB Percent	89%, 99%, 75%
CMY	0.1098, 0.0118, 0.2471
CMYK	0.10, 0.00, 0.24, 0.01
HSL	85°, 91%, 87%
HSV	85°, 24%, 99%
XYZ	76.0034, 89.7575, 63.1883
YIQ	237.6850, 4.3600, -23.9600

Conversions

Conversions Part 2

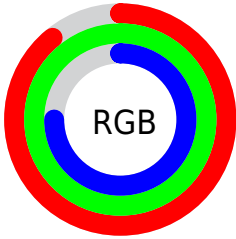
Format	Color
RYB	192, 252, 217
Decimal	14941376
CIELab	95.90, -18.22, 26.10
CIELCh	96, 31.832, 124.919
Yxy	89.7575, 0.3320, 0.3920
Android (android.graphics.Color)	4293131456 (0xFFE3FCC0)
YUV	237.6850, -22.5227, -9.3707
Hunter-Lab	94.7404, -22.5981, 26.7741

Details

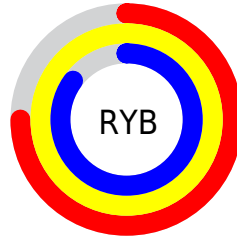
The RYB color **192, 252, 217** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **217, 192, 252**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **249, 255, 249**, and **138, 195, 162** is the 20% darker color. If you saturate the color by 10%, you get **167, 252, 203**, and if you desaturate by 10%, it is **217, 252, 231**.

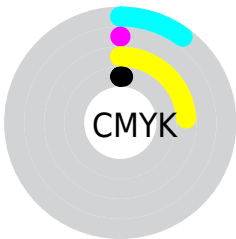
Distribution



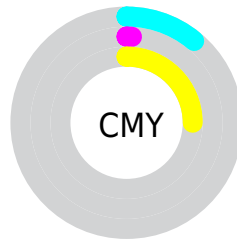
- Red (89%)
- Green (99%)
- Blue (75%)



- Red (75%)
- Yellow (99%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 252, 217 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, 217 by changing the saturation by 10% instead.

 192, 252, 217


255, 255, 255


 249, 255, 249


 192, 252, 217


 165, 223, 189

 138, 195, 162

 112, 168, 136

 88, 142, 112

 64, 116, 87

 41, 91, 63

 19, 68, 42

 0, 45, 21

 0, 26, 26

■ 192, 252, 217

■ 192, 252, 217

■ 167, 252, 203

■ 217, 252, 231

■ 142, 252, 188

■ 242, 252, 246

■ 116, 252, 173

■ 255, 252, 255

■ 91, 252, 158

■ 66, 252, 144

■ 41, 252, 129

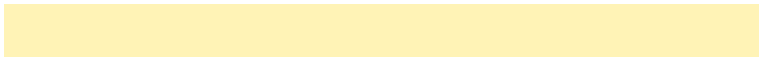
■ 16, 252, 115

■ 0, 252, 105

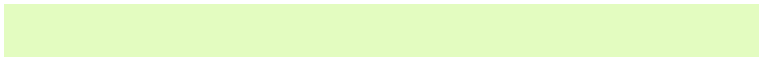
Harmonies

Analogous

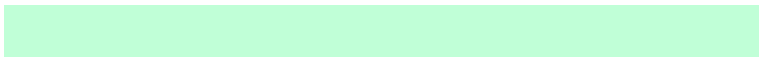
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196, 255, 182



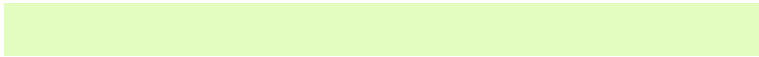
192, 252, 217



192, 238, 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, 217



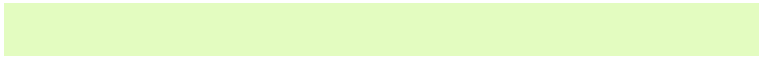
173, 213, 255



255, 221, 239

Complementary

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



192, 252, 217



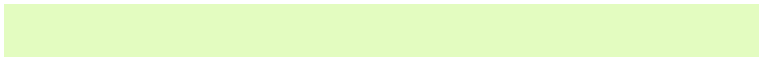
217, 192, 252

Split Complementary

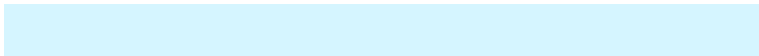
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 255



192, 252, 217



213, 231, 255

Square

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



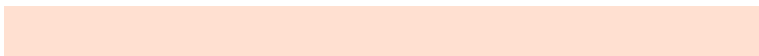
192, 252, 217



154, 205, 255



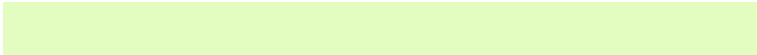
255, 234, 255



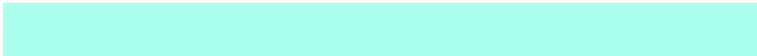
255, 231, 209

Rectangle

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



192, 252, 217



171, 218, 255



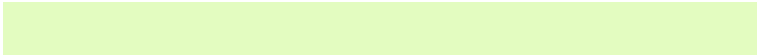
255, 234, 255



255, 221, 250

Sweetspot

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



192, 252, 217



237, 255, 244



252, 235, 192



117, 128, 122



0, 0, 0



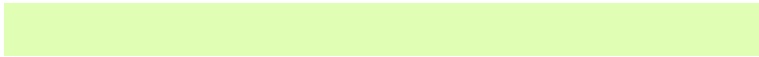
128, 128, 128

Same Dimension

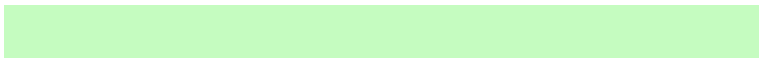
The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 252, 217



181, 255, 212



192, 252, 247



112, 125, 117



0, 189, 79



0, 61, 25

Inverse Universe

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



217, 192, 252



212, 181, 255



247, 192, 252



118, 112, 125



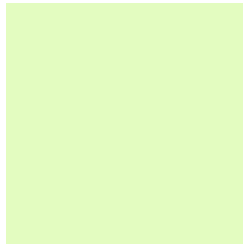
79, 0, 189



26, 0, 61

Previews

White Background



This preview shows how the RYB color 192, 252, 217 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, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

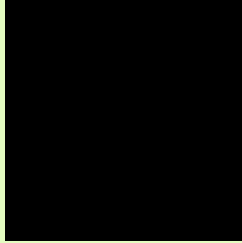
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

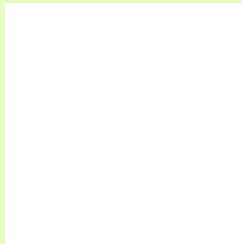
Any Text WCAG AAA ✓ Pass

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

RYB 192, 252, 217 Background



This preview shows how black text looks on a background with the RYB color 192, 252, 217.

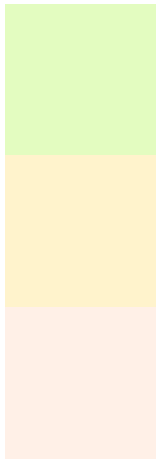


This preview shows how white text looks on a background with the RYB color 192, 252, 217.

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, 217

Protanopia
220, 255, 204

Deuteranopia
255, 245, 231



Tritanopia

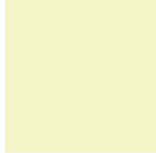
239, 242, 255

Trichromacy



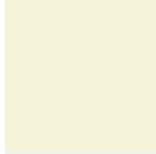
Original Color

192, 252, 217



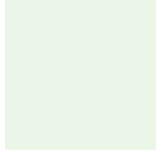
Protanomaly

200, 246, 201



Deuteranomaly

218, 245, 217



Tritanomaly

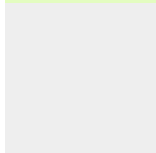
232, 246, 243

Monochromacy



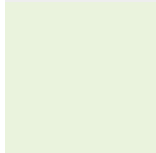
Original Color

192, 252, 217



Achromatopsia

238, 238, 238



Achromatomaly

221, 243, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 252, 217 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(227, 252, 192)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 252, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 252, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 252, 217 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(227, 252, 192) }
```

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

```
.border{ border-color:rgb(227, 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(227, 252, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 252, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 252, 192);  
box-shadow:4px 4px 4px 4px rgb(227, 252,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 252, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 252, 192) }
```

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

```
.background{ background-color: rgb(227,  
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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