

Converting Colors

`RYB(204, 249, 192)`

Have a look what the booklet for
RYB(204, 249, 192) contains.

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Color

R_YB(204, 249, 192)

Conversions

Conversions Part 1

Format	Color
Hex	F9EFC0
RGB	249, 239, 192
RGB Percent	98%, 94%, 75%
CMY	0.0235, 0.0624, 0.2471
CMYK	0.00, 0.04, 0.23, 0.02
HSL	50°, 83%, 86%
HSV	50°, 23%, 98%
XYZ	79.4733, 85.7294, 62.2279
YIQ	236.6320, 21.0470, -12.4970

Conversions

Conversions Part 2

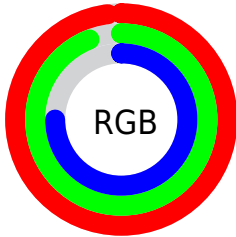
Format	Color
R_{YB}	204, 249, 192
Decimal	16379840
CIE _{Lab}	94.20, -3.94, 24.02
CIE _{LCh}	94, 24.341, 99.310
Y _{xy}	85.7294, 0.3494, 0.3769
Android (android.graphics.Color)	4294569920 (0xFFF9EFC0)
Y _{UV}	236.6320, -22.0036, 10.8467
Hunter-Lab	92.5902, -8.8202, 24.9656

Details

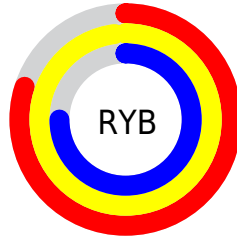
The RYB color **204, 249, 192** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **192, 201, 249**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **249, 255, 249**, and **149, 192, 138** is the 20% darker color. If you saturate the color by 10%, you get **184, 249, 167**, and if you desaturate by 10%, it is **224, 249, 217**.

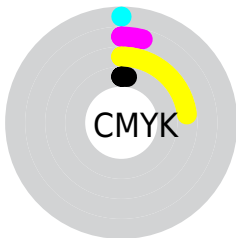
Distribution



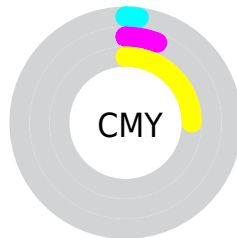
- Red (98%)
- Green (94%)
- Blue (75%)



- Red (80%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 249, 192 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 204, 249, 192 by changing the saturation by 10% instead.

 204, 249, 192

 204, 249, 192

255, 255, 255

 176, 220, 165

 249, 255, 249

 149, 192, 138

 124, 165, 113

 98, 138, 88

 72, 112, 64

 49, 87, 42

 26, 63, 20

 4, 41, 0

 0, 16, 3

■ 204, 249, 192

■ 204, 249, 192

■ 184, 249, 167

■ 224, 249, 217

■ 165, 249, 142

■ 243, 249, 242

■ 145, 249, 117

■ 249, 251, 255

■ 125, 249, 92

■ 249, 252, 255

■ 106, 249, 67

■ 87, 249, 43

■ 66, 249, 18

■ 52, 249, 0

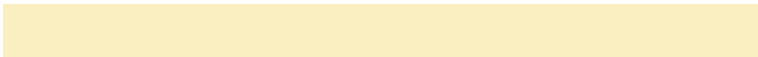
Harmonies

Analogous

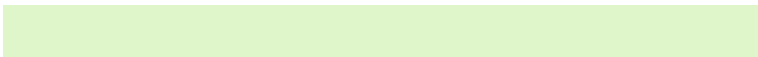
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235, 255, 195



204, 249, 192



202, 246, 226

Triad

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



204, 249, 192



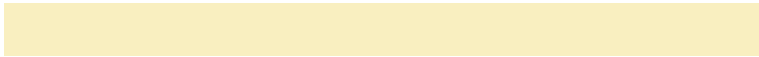
176, 214, 255



255, 224, 255

Complementary

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



204, 249, 192



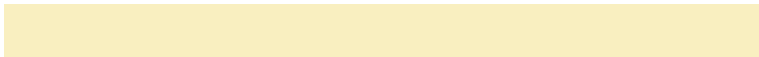
192, 201, 249

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.



252, 230, 255



204, 249, 192



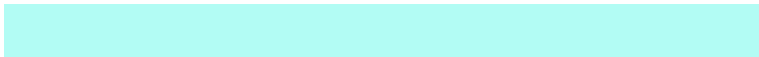
192, 221, 255

Square

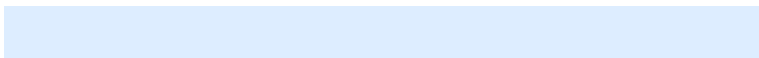
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204, 249, 192



178, 217, 252



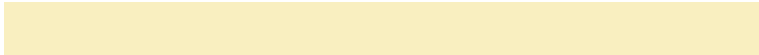
221, 232, 255



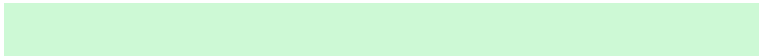
255, 222, 232

Rectangle

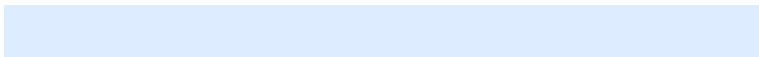
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204, 249, 192



205, 242, 249



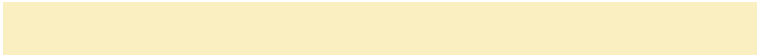
221, 232, 255



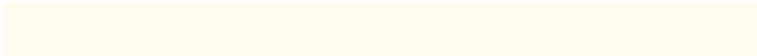
255, 225, 255

Sweetspot

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



204, 249, 192



241, 255, 237



249, 192, 202



119, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



204, 249, 192



201, 255, 186



192, 249, 210



114, 125, 112



40, 189, 0



12, 61, 0

Inverse Universe

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



192, 201, 249



186, 196, 255



210, 192, 249



112, 114, 125



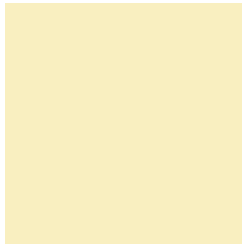
0, 28, 189



0, 9, 61

Previews

White Background



This preview shows how the RYB color 204, 249, 192 looks on a white background.

Color Contrast Check

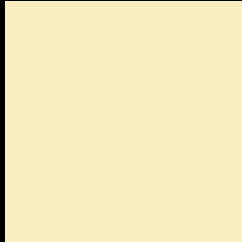
Large Text (above 18pt) WCAG AA × Fail

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 204, 249, 192 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](#).

RYP 204, 249, 192 Background



This preview shows how black text looks on a background with the RYP color 204, 249, 192.



This preview shows how white text looks on a background with the RYP color 204, 249, 192.

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
204, 249, 192

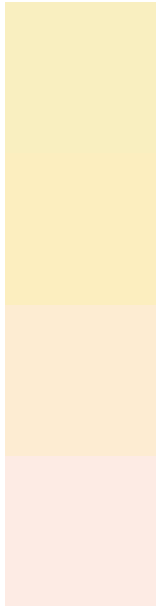
Protanopia
211, 253, 191

Deuteranopia
255, 245, 221



Tritanopia
255, 232, 249

Trichromacy



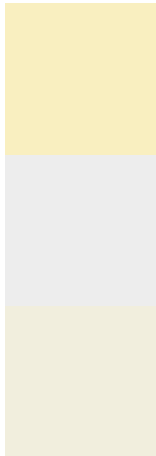
Original Color
204, 249, 192

Protanomaly
209, 252, 191

Deuteranomaly
238, 253, 210

Tritanomaly
253, 238, 228

Monochromacy



Original Color
204, 249, 192

Achromatopsia
237, 237, 237

Achromatomaly
225, 241, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 249, 192 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(249, 239, 192) looks like.

```
.text, #text, p{  
    color:rgb(249, 239, 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(249, 239, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 239, 192) }
```

Border

The CSS property to change the border of an element to RYB 204, 249, 192 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(249, 239, 192) }
```

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

```
.border{ border-color:rgb(249, 239, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 239, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 239, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 239, 192);  
box-shadow:4px 4px 4px 4px rgb(249, 239,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 204, 249, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 239, 192) }
```

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

```
.background{ background-color: rgb(249,  
239, 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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