

Converting Colors

`RYB(192, 241, 252)`

Have a look what the booklet for
RYB(192, 241, 252) contains.

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Color

R_YB(192, 241, 252)

Conversions

Conversions Part 1

Format	Color
Hex	C0FCCD
RGB	192, 252, 205
RGB Percent	75%, 99%, 80%
CMY	0.2471, 0.0118, 0.1942
CMYK	0.24, 0.00, 0.18, 0.01
HSL	133°, 91%, 87%
HSV	133°, 24%, 99%
XYZ	67.6248, 85.2578, 70.9473
YIQ	228.7020, -20.6730, -27.3370

Conversions

Conversions Part 2

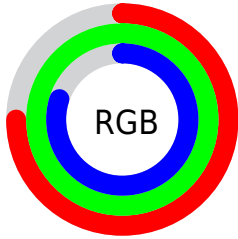
Format	Color
R _{YB}	192, 241, 252
Decimal	12647629
CIE _{Lab}	93.99, -27.74, 16.26
CIE _{LCh}	94, 32.156, 149.634
Y _{xy}	85.2578, 0.3021, 0.3809
Android (android.graphics.Color)	4290837709 (0xFFC0FCCD)
YUV	228.7020, -11.6851, -32.1877
Hunter-Lab	92.3351, -30.8558, 19.0781

Details

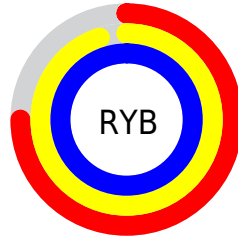
The RYB color **192, 241, 252** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **252, 192, 239**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **249, 252, 255**, and **137, 184, 195** is the 20% darker color. If you saturate the color by 10%, you get **167, 236, 252**, and if you desaturate by 10%, it is **217, 245, 252**.

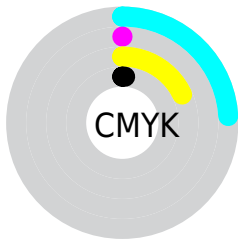
Distribution



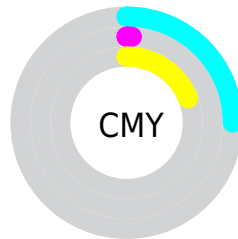
- Red (75%)
- Green (99%)
- Blue (80%)



- Red (75%)
- Yellow (95%)
- Blue (99%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)



- Cyan (25%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 241, 252 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, 241, 252 by changing the saturation by 10% instead.


 192, 241, 252


255, 255, 255


 249, 252, 255


 192, 241, 252

 164, 212, 223

 137, 184, 195


 111, 157, 168

 85, 129, 141

 60, 103, 115

 35, 76, 90

 5, 49, 67

 0, 37, 44

 0, 23, 23

 192, 241, 252

 192, 241, 252

 167, 236, 252

 217, 245, 252

 142, 232, 252

 242, 250, 252

 116, 227, 252

 255, 252, 255

 91, 223, 252

 66, 218, 252

 41, 214, 252

 16, 209, 252

 0, 206, 252

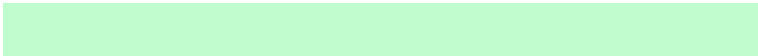
Harmonies

Analogous

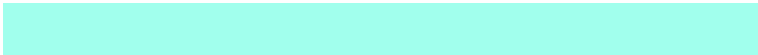
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



183, 245, 200



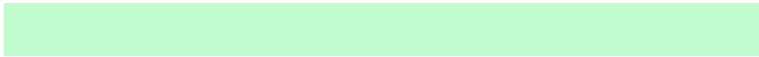
192, 241, 252



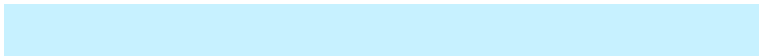
161, 213, 255

Triad

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



192, 241, 252



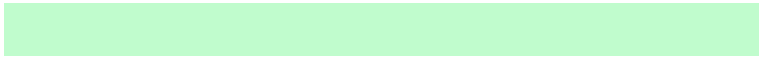
199, 223, 255



255, 219, 209

Complementary

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



192, 241, 252



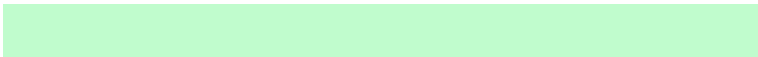
252, 192, 239

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, 215, 239



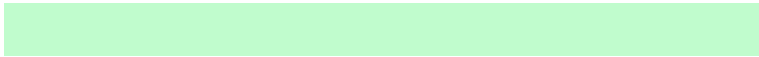
192, 241, 252



242, 230, 255

Square

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



192, 241, 252



161, 206, 255



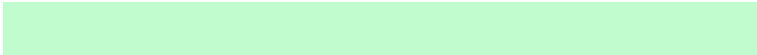
255, 220, 255



238, 255, 185

Rectangle

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



192, 241, 252



148, 202, 255



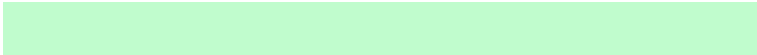
255, 220, 255



255, 216, 218

Sweetspot

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



192, 241, 252



237, 252, 255



192, 252, 205



117, 126, 128



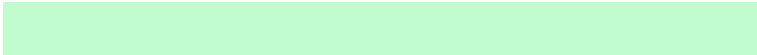
0, 0, 0



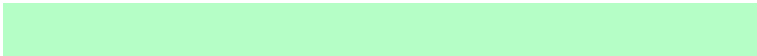
128, 128, 128

Same Dimension

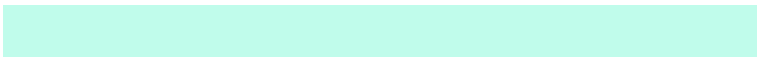
The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 241, 252



181, 241, 255



192, 227, 252



112, 123, 125



0, 155, 189



0, 50, 61

Inverse Universe

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



252, 192, 239



255, 181, 238



252, 192, 209



125, 112, 122



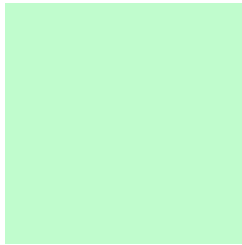
189, 0, 146



61, 0, 47

Previews

White Background



This preview shows how the RYB color 192, 241, 252 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, 241, 252 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, 241, 252 Background



This preview shows how black text looks on a background with the RYB color 192, 241, 252.



This preview shows how white text looks on a background with the RYB color 192, 241, 252.

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





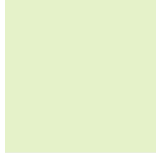
Tritanopia
215, 231, 255

Trichromacy



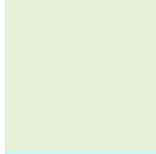
Original Color

192, 241, 252



Protanomaly

201, 242, 214



Deuteranomaly

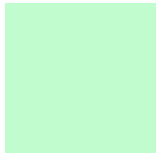
217, 239, 224



Tritanomaly

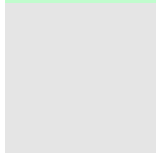
207, 229, 246

Monochromacy



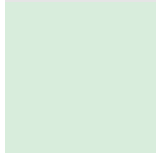
Original Color

192, 241, 252



Achromatopsia

229, 229, 229



Achromatomaly

216, 234, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 241, 252 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(192, 252, 205)` looks like.

```
.text, #text, p{  
    color:rgb(192, 252, 205)  
}
```

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(192, 252, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 252, 205) }
```

Border

The CSS property to change the border of an element to RYB 192, 241, 252 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(192, 252, 205) }
```

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

```
.border{ border-color:rgb(192, 252, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 252, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 252, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 252, 205);  
box-shadow:4px 4px 4px 4px rgb(192, 252,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 192, 241, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 252, 205) }
```

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

```
.background{ background-color: rgb(192,  
252, 205) }
```

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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