

Converting Colors

`RYB(192, 229, 252)`

Have a look what the booklet for
RYB(192, 229, 252) contains.

RYB(192, 229, 252)	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

R_YB(192, 229, 252)

Conversions

Conversions Part 1

Format	Color
Hex	C0FCE5
RGB	192, 252, 229
RGB Percent	75%, 99%, 90%
CMY	0.2471, 0.0118, 0.1008
CMYK	0.24, 0.00, 0.09, 0.01
HSL	157°, 91%, 87%
HSV	157°, 24%, 99%
XYZ	70.7330, 86.5010, 87.3149
YIQ	231.4380, -28.3770, -19.8730

Conversions

Conversions Part 2

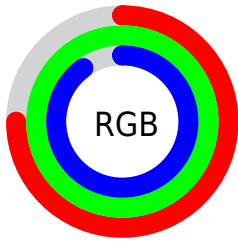
Format	Color
RYB	192, 229, 252
Decimal	12647653
CIELab	94.53, -23.30, 4.75
CIELCh	95, 23.781, 168.476
Yxy	86.5010, 0.2892, 0.3537
Android (android.graphics.Color)	4290837733 (0xFFC0FCE5)
YUV	231.4380, -1.2019, -34.5871
Hunter-Lab	93.0059, -27.0072, 9.4421

Details

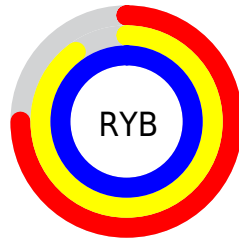
The RYB color **192, 229, 252** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **252, 192, 215**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **249, 252, 255**, and **137, 172, 195** is the 20% darker color. If you saturate the color by 10%, you get **167, 219, 252**, and if you desaturate by 10%, it is **217, 238, 252**.

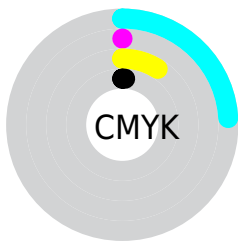
Distribution



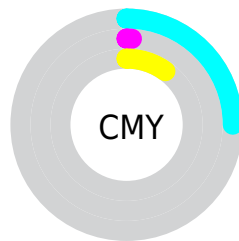
- Red (75%)
- Green (99%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 229, 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, 229, 252 by changing the saturation by 10% instead.

 192, 229, 252


255, 255, 255


 249, 252, 255

 192, 229, 252

 164, 200, 223

 137, 172, 195

 111, 146, 168

 85, 119, 141

 60, 94, 116

 34, 68, 91

 4, 40, 67

 0, 27, 44

 0, 22, 25

■ 192, 229, 252

■ 192, 229, 252

■ 167, 219, 252

■ 217, 238, 252

■ 142, 210, 252

■ 242, 248, 252

■ 116, 200, 252

■ 255, 252, 255

■ 91, 190, 252

■ 66, 181, 252

■ 41, 171, 252

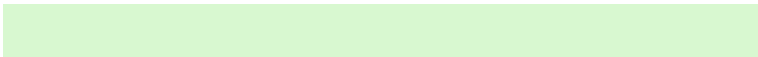
■ 16, 161, 252

■ 0, 155, 252

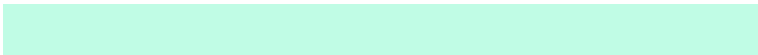
Harmonies

Analogous

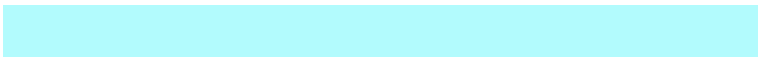
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 248, 240



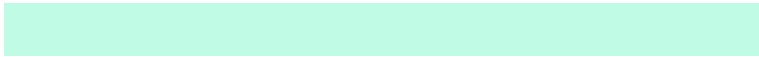
192, 229, 252



178, 215, 253

Triad

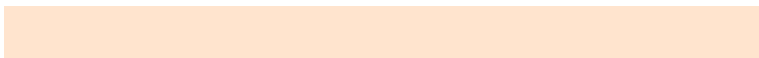
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



192, 229, 252



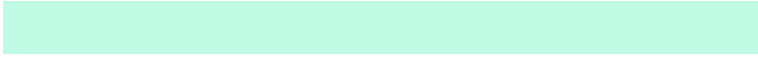
232, 235, 255



255, 246, 206

Complementary

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



192, 229, 252



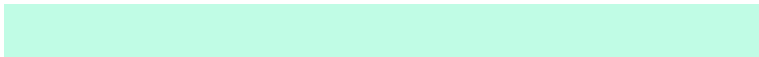
252, 192, 215

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, 224, 226



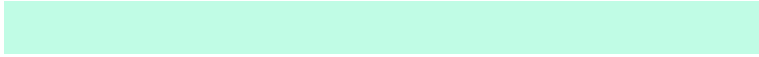
192, 229, 252



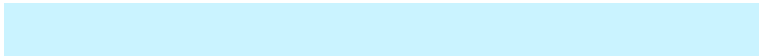
255, 229, 255

Square

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



192, 229, 252



202, 225, 255



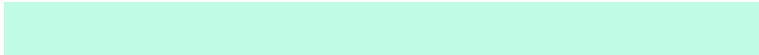
255, 224, 249



225, 255, 195

Rectangle

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



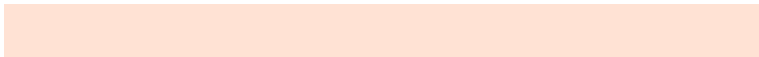
192, 229, 252



178, 215, 255



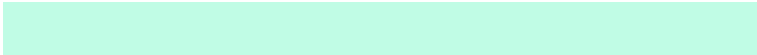
255, 224, 249



255, 233, 212

Sweetspot

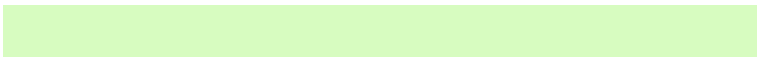
The Sweet Spot groups the original color and five complimentary colors.



192, 229, 252



237, 248, 255



192, 252, 229



117, 124, 128



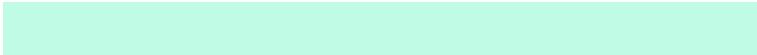
0, 0, 0



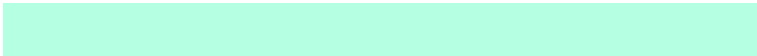
128, 128, 128

Same Dimension

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



192, 229, 252



181, 227, 255



192, 220, 252



112, 120, 125



0, 117, 189



0, 38, 61

Inverse Universe

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



252, 192, 215



255, 181, 209



252, 200, 192



125, 112, 117



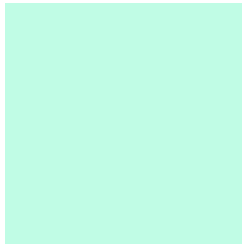
189, 0, 71



61, 0, 23

Previews

White Background



This preview shows how the RYB color 192, 229, 252 looks on a white background.

Color Contrast Check

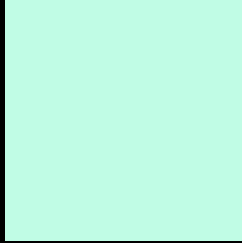
Large Text (above 18pt) WCAG AA × Fail

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, 229, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

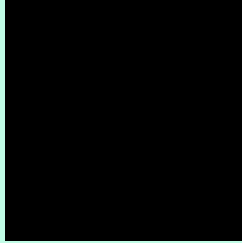
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

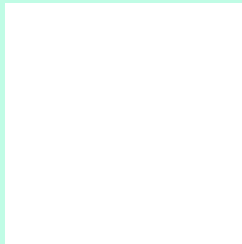
Any Text WCAG AAA ✓ Pass

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

RYB 192, 229, 252 Background



This preview shows how black text looks on a background with the RYB color 192, 229, 252.

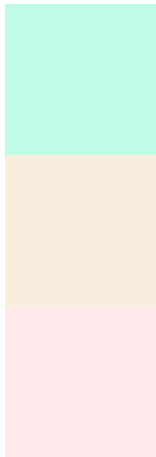


This preview shows how white text looks on a background with the RYB color 192, 229, 252.

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



Original Color
192, 229, 252

Protanopia
235, 247, 221

Deuteranopia
255, 233, 235



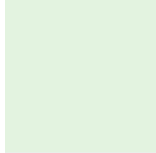
Tritanopia
217, 232, 255

Trichromacy



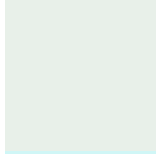
Original Color

192, 229, 252



Protanomaly

224, 243, 240



Deuteranomaly

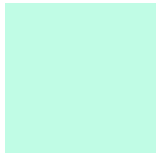
232, 239, 240



Tritanomaly

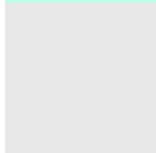
208, 227, 246

Monochromacy



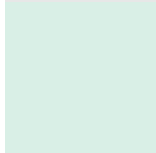
Original Color

192, 229, 252



Achromatopsia

231, 231, 231



Achromatomaly

217, 231, 239

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(192, 252, 229)  
}
```

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, 229) colored shadow looks like.

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

Border

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

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

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

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, 229) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RYB 192, 229, 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, 229) }
```

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

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

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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