

Converting Colors

`RYB(192, 223, 237)`

Have a look what the booklet for
RYB(192, 223, 237) contains.

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Color

R_YB(192, 223, 237)

Conversions

Conversions Part 1

Format	Color
Hex	C0EDD4
RGB	192, 237, 212
RGB Percent	75%, 93%, 83%
CMY	0.2471, 0.0706, 0.1674
CMYK	0.19, 0.00, 0.10, 0.07
HSL	147°, 56%, 84%
HSV	147°, 19%, 93%
XYZ	63.9468, 76.5446, 73.9051
YIQ	220.6950, -18.7950, -17.3150

Conversions

Conversions Part 2

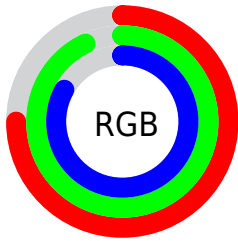
Format	Color
RYB	192, 223, 237
Decimal	12643796
CIELab	90.11, -19.25, 7.19
CIELCh	90, 20.551, 159.536
Yxy	76.5446, 0.2983, 0.3570
Android (android.graphics.Color)	4290833876 (0xFFC0EDD4)
YUV	220.6950, -4.2866, -25.1655
Hunter-Lab	87.4898, -22.6403, 11.1589

Details

The RYB color **192, 223, 237** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **237, 192, 217**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **249, 252, 255**, and **138, 168, 181** is the 20% darker color. If you saturate the color by 10%, you get **168, 216, 237**, and if you desaturate by 10%, it is **216, 231, 237**.

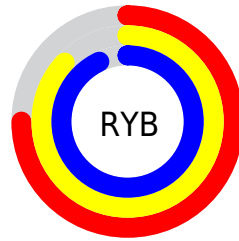
Distribution



Red (75%)

Green (93%)

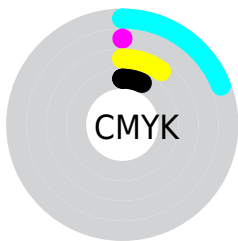
Blue (83%)



Red (75%)

Yellow (87%)

Blue (93%)

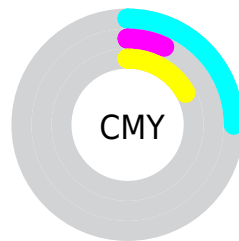


Cyan (19%)

Magenta (0%)

Yellow (10%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 223, 237 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, 223, 237 by changing the saturation by 10% instead.


 192, 223, 237

255, 255, 255


 249, 252, 255

 192, 223, 237

 165, 195, 209

 138, 167, 181

 112, 140, 154

 87, 115, 128

 63, 90, 103

 39, 66, 79

 15, 40, 55

 0, 23, 34

 0, 1, 1

 192, 223, 237

 192, 223, 237

 168, 216, 237


 216, 231, 237

 145, 209, 237


 239, 237, 238


 121, 201, 237


 255, 237, 251


 97, 194, 237


 255, 237, 255

 73, 186, 237

 50, 179, 237

 26, 171, 237

 2, 164, 237

 0, 163, 237

Harmonies

Analogous

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



196, 233, 216



192, 223, 237



177, 209, 238

Triad

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



192, 223, 237



213, 223, 255



255, 219, 202

Complementary

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



192, 223, 237



237, 192, 217

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, 213, 221



192, 223, 237



238, 220, 255

Square

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



192, 223, 237



189, 215, 255



255, 215, 241



255, 249, 190

Rectangle

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



192, 223, 237



175, 208, 245



255, 215, 241



255, 215, 208

Sweetspot

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



192, 223, 237



240, 250, 255



192, 237, 212



119, 125, 128



0, 0, 0



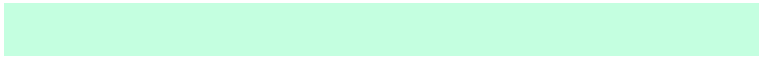
128, 128, 128

Same Dimension

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



192, 223, 237



196, 236, 255



192, 215, 237



106, 114, 117



0, 125, 181



0, 37, 54

Inverse Universe

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



237, 192, 217



255, 196, 229



237, 192, 194



117, 106, 112



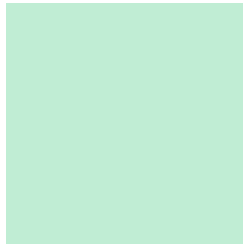
181, 0, 99



54, 0, 29

Previews

White Background



This preview shows how the RYB color 192, 223, 237 looks on a white background.

Color Contrast Check

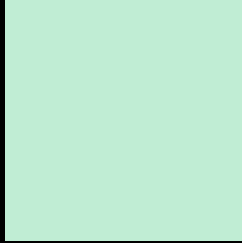
Large Text (above 18pt) WCAG AA × Fail

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, 223, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

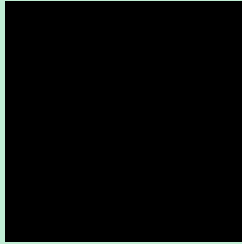
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

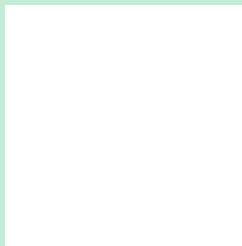
Any Text WCAG AAA ✓ Pass

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

RYB 192, 223, 237 Background



This preview shows how black text looks on a background with the RYB color 192, 223, 237.



This preview shows how white text looks on a background with the RYB color 192, 223, 237.

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](#).

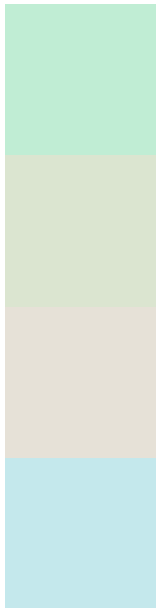
Dichromacy





Tritanopia
199, 219, 250

Trichromacy



Original Color
192, 223, 237

Protanomaly
208, 229, 218

Deuteranomaly
223, 230, 215

Tritanomaly
196, 215, 236

Monochromacy



Original Color
192, 223, 237

Achromatopsia
221, 221, 221

Achromatomaly
210, 222, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 223, 237 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, 237, 212)` looks like.

```
.text, #text, p{  
    color:rgb(192, 237, 212)  
}
```

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, 237, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 237, 212) }
```

Border

The CSS property to change the border of an element to RYB 192, 223, 237 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, 237, 212) }
```

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

```
.border{ border-color:rgb(192, 237, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 237, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 237, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 237, 212);  
box-shadow:4px 4px 4px 4px rgb(192, 237,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 192, 223, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 237, 212) }
```

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

```
.background{ background-color: rgb(192,  
237, 212) }
```

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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