

Converting Colors

`RYB(172, 202, 215)`

Have a look what the booklet for
RYB(172, 202, 215) contains.

RYB(172, 202, 215)	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(172, 202, 215)

Conversions

Conversions Part 1

Format	Color
Hex	ACD7BF
RGB	172, 215, 191
RGB Percent	67%, 84%, 75%
CMY	0.3255, 0.1569, 0.2524
CMYK	0.20, 0.00, 0.11, 0.16
HSL	146°, 35%, 76%
HSV	146°, 20%, 84%
XYZ	50.6774, 61.1170, 58.2047
YIQ	199.4070, -17.9240, -16.5800

Conversions

Conversions Part 2

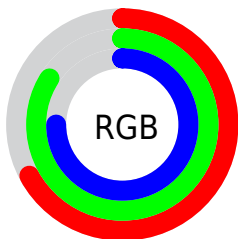
Format	Color
RYB	172, 202, 215
Decimal	11327423
CIELab	82.44, -18.88, 7.41
CIELCh	82, 20.278, 158.565
Yxy	61.1170, 0.2981, 0.3595
Android (android.graphics.Color)	4289517503 (0xFFACD7BF)
YUV	199.4070, -4.1447, -24.0359
Hunter-Lab	78.1774, -21.1003, 10.5815

Details

The RYB color **172, 202, 215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **215, 172, 196**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **228, 244, 255**, and **119, 147, 160** is the 20% darker color. If you saturate the color by 10%, you get **151, 196, 215**, and if you desaturate by 10%, it is **194, 209, 215**.

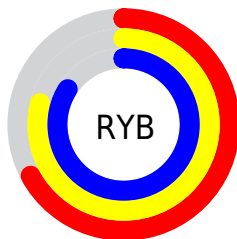
Distribution



Red (67%)

Green (84%)

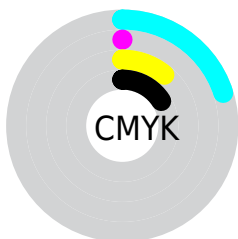
Blue (75%)



Red (67%)

Yellow (79%)

Blue (84%)

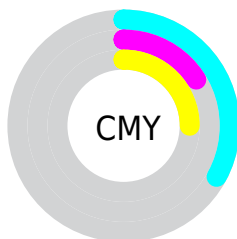


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (16%)



Cyan (33%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 202, 215 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 172, 202, 215 by changing the saturation by 10% instead.

 172, 202, 215


255, 255, 255

 228, 244, 255

 172, 202, 215

 145, 174, 187

 119, 147, 160


 94, 122, 134

 69, 96, 108

 46, 72, 84

 22, 48, 61


 0, 25, 39

 0, 16, 16

 0, 0, 0

 172, 202, 215

 172, 202, 215

 151, 196, 215


 194, 209, 215

 129, 189, 215


 215, 215, 215

 108, 183, 215


 237, 215, 227

 86, 176, 215


 255, 215, 239


 65, 170, 215

 255, 215, 252

 43, 163, 215

 255, 215, 255

 21, 156, 215

 0, 150, 215

Harmonies

Analogous

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



175, 211, 193



172, 202, 215



157, 188, 216

Triad

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



172, 202, 215



191, 202, 242



243, 197, 182

Complementary

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



172, 202, 215



215, 172, 196

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.



244, 192, 200



172, 202, 215



215, 198, 235

Square

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



172, 202, 215



168, 195, 240



235, 194, 219



232, 224, 170

Rectangle

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



172, 202, 215



154, 187, 223



235, 194, 219



245, 193, 188

Sweetspot

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



172, 202, 215



240, 251, 255



172, 215, 191



119, 126, 128



0, 0, 0



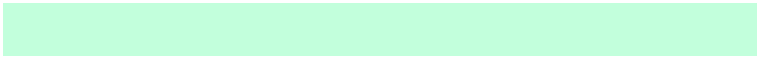
128, 128, 128

Same Dimension

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



172, 202, 215



194, 237, 255



172, 195, 215



96, 104, 107



0, 119, 171



0, 30, 43

Inverse Universe

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



215, 172, 196



255, 194, 228



215, 172, 175



107, 96, 102



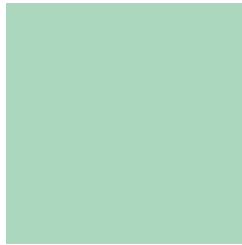
171, 0, 97



43, 0, 25

Previews

White Background



This preview shows how the RYB color 172, 202, 215 looks on a white background.

Color Contrast Check

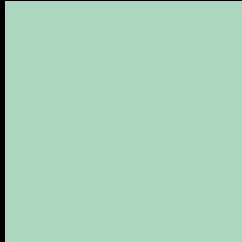
Large Text (above 18pt) WCAG AA × Fail

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 172, 202, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

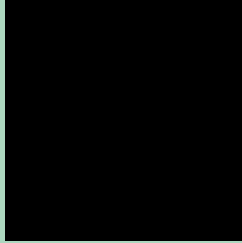
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

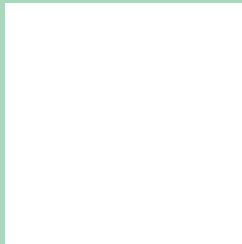
Any Text WCAG AAA ✓ Pass

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

RYB 172, 202, 215 Background



This preview shows how black text looks on a background with the RYB color 172, 202, 215.

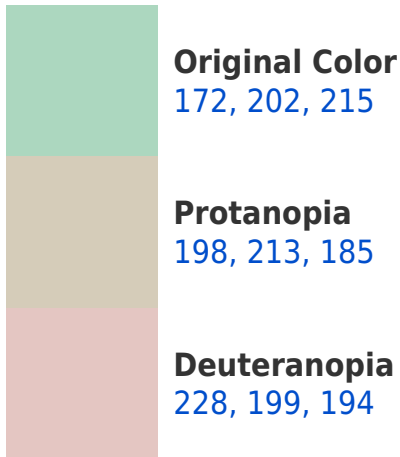


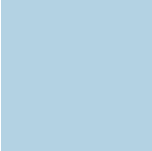
This preview shows how white text looks on a background with the RYB color 172, 202, 215.

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





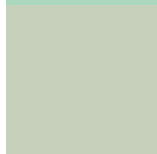
Tritanopia
179, 198, 227

Trichromacy



Original Color

172, 202, 215



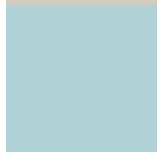
Protanomaly

187, 208, 197



Deuteranomaly

198, 208, 193



Tritanomaly

176, 194, 214

Monochromacy



Original Color

172, 202, 215



Achromatopsia

199, 199, 199



Achromatomaly

189, 200, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 202, 215 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(172, 215, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 215, 191)  
}
```

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(172, 215, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 215, 191) }
```

Border

The CSS property to change the border of an element to RYB 172, 202, 215 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(172, 215, 191) }
```

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

```
.border{ border-color:rgb(172, 215, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 215, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 215, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 215, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 215,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 172, 202, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 215, 191) }
```

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

```
.background{ background-color: rgb(172,  
215, 191) }
```

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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