

Converting Colors

`RYB(172, 191, 208)`

Have a look what the booklet for
RYB(172, 191, 208) contains.

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Color

`RYB(172, 191, 208)`

Conversions

Conversions Part 1

Format	Color
Hex	ACD0CC
RGB	172, 208, 204
RGB Percent	67%, 82%, 80%
CMY	0.3255, 0.1843, 0.1992
CMYK	0.17, 0.00, 0.02, 0.18
HSL	174°, 28%, 75%
HSV	174°, 17%, 82%
XYZ	50.4935, 58.2521, 65.8417
YIQ	196.7800, -20.1720, -8.8760

Conversions

Conversions Part 2

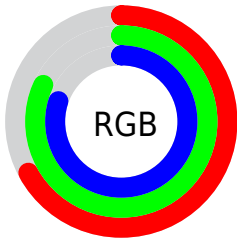
Format	Color
RYB	172, 191, 208
Decimal	11325644
CIELab	80.88, -12.63, -2.09
CIELCh	81, 12.802, 189.412
Yxy	58.2521, 0.2892, 0.3337
Android (android.graphics.Color)	4289515724 (0xFFACD0CC)
YUV	196.7800, 3.5595, -21.7321
Hunter-Lab	76.3231, -15.4742, 2.2784

Details

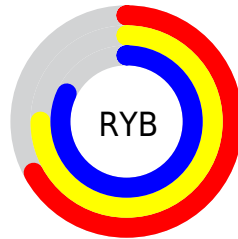
The RYB color **172, 191, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **208, 172, 176**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **228, 242, 255**, and **119, 138, 154** is the 20% darker color. If you saturate the color by 10%, you get **151, 181, 208**, and if you desaturate by 10%, it is **193, 201, 208**.

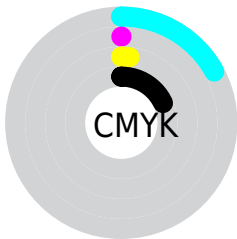
Distribution



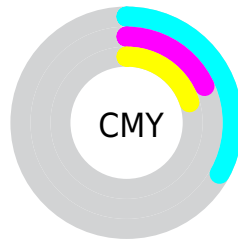
- Red (67%)
- Green (82%)
- Blue (80%)



- Red (67%)
- Yellow (75%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)




- Cyan (33%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 172, 191, 208 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, 191, 208 by changing the saturation by 10% instead.

 172, 191, 208


255, 255, 255


 228, 242, 255

 172, 191, 208

 145, 163, 180


 119, 138, 154

 94, 112, 128

 70, 87, 102


 46, 63, 78

 23, 40, 55


 1, 18, 34

 0, 3, 8


 0, 0, 0

 172, 191, 208


 172, 191, 208

 151, 181, 208


 193, 201, 208

 130, 171, 208


 214, 208, 209

 110, 162, 208


 234, 208, 211

 89, 152, 208


 255, 208, 213

 68, 142, 208

 255, 208, 215

 47, 132, 208


 255, 208, 217

 26, 122, 208

 255, 208, 220

 6, 113, 208

 255, 208, 222

 0, 110, 208

 255, 208, 224

Harmonies

Analogous

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



180, 199, 207



172, 191, 208



171, 191, 215

Triad

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



172, 191, 208



208, 197, 219



218, 212, 179

Complementary

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



172, 191, 208



208, 172, 176

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.



226, 196, 186



172, 191, 208



220, 194, 209

Square

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



172, 191, 208



193, 199, 224



226, 193, 197



185, 207, 177

Rectangle

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



172, 191, 208



176, 194, 221



226, 193, 197



221, 205, 181

Sweetspot

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



172, 191, 208



242, 249, 255



172, 208, 204



120, 124, 128



0, 0, 0



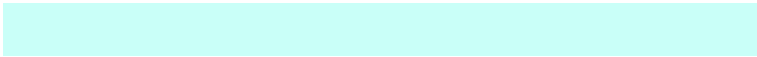
128, 128, 128

Same Dimension

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



172, 191, 208



201, 230, 255



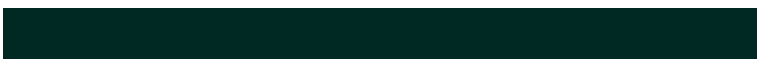
172, 186, 208



94, 100, 105



0, 88, 168



0, 22, 41

Inverse Universe

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



208, 172, 176



255, 201, 207



208, 195, 172



105, 94, 95



168, 0, 18



41, 0, 4

Previews

White Background



This preview shows how the RYB color 172, 191, 208 looks on a white background.

Color Contrast Check

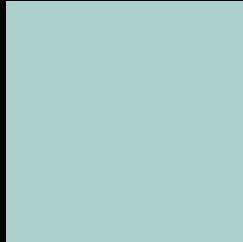
Large Text (above 18pt) WCAG AA × Fail

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, 191, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

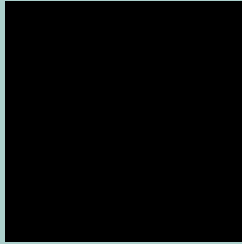
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

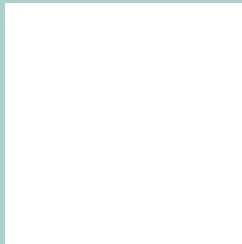
Any Text WCAG AAA ✓ Pass

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

RYP 172, 191, 208 Background



This preview shows how black text looks on a background with the RYP color 172, 191, 208.

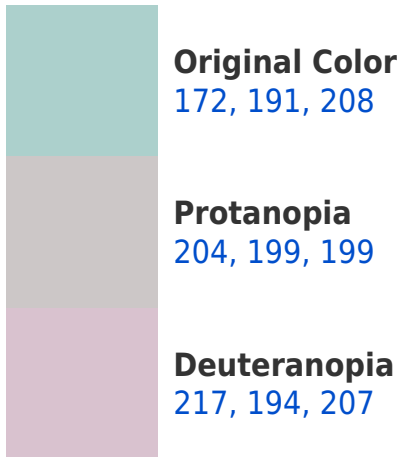


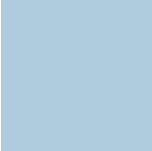
This preview shows how white text looks on a background with the RYP color 172, 191, 208.

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
175, 193, 222

Trichromacy



Original Color

172, 191, 208

Protanomaly

192, 197, 202

Deuteranomaly

201, 199, 206

Tritanomaly

174, 192, 216

Monochromacy



Original Color

172, 191, 208

Achromatopsia

197, 197, 197

Achromatomaly

188, 195, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 191, 208 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, 208, 204)` looks like.

```
.text, #text, p{  
    color:rgb(172, 208, 204)  
}
```

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, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 208, 204) }
```

Border

The CSS property to change the border of an element to RYB 172, 191, 208 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, 208, 204) }
```

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

```
.border{ border-color:rgb(172, 208, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 208, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 208, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 208, 204); box-shadow:4px 4px 4px 4px rgb(172, 208, 204) }
```

Background

The CSS property to change the background color of an element to RYB 172, 191, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 208, 204) }
```

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

```
.background{ background-color: rgb(172,  
208, 204) }
```

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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