

Converting Colors

`RYB(170, 196, 210)`

Have a look what the booklet for
RYB(170, 196, 210) contains.

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Color

R_YB(170, 196, 210)

Conversions

Conversions Part 1

Format	Color
Hex	AAD2C0
RGB	170, 210, 192
RGB Percent	67%, 82%, 75%
CMY	0.3333, 0.1765, 0.2489
CMYK	0.19, 0.00, 0.09, 0.18
HSL	152°, 31%, 75%
HSV	152°, 19%, 82%
XYZ	49.0875, 58.4246, 58.2914
YIQ	195.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

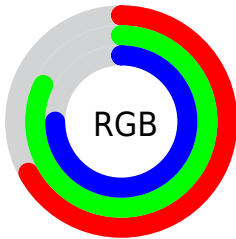
Format	Color
RYB	170, 196, 210
Decimal	11195072
CIELab	80.97, -16.84, 4.80
CIElCh	81, 17.507, 164.087
Yxy	58.4246, 0.2961, 0.3524
Android (android.graphics.Color)	4289385152 (0xFFAAD2C0)
YUV	195.9880, -1.9661, -22.7915
Hunter-Lab	76.4360, -19.1295, 8.2896

Details

The RYB color **170, 196, 210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **210, 170, 188**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **226, 242, 255**, and **117, 141, 155** is the 20% darker color. If you saturate the color by 10%, you get **149, 189, 210**, and if you desaturate by 10%, it is **191, 203, 210**.

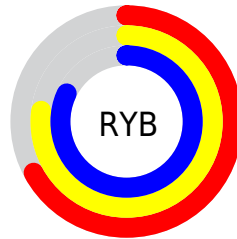
Distribution



Red (67%)

Green (82%)

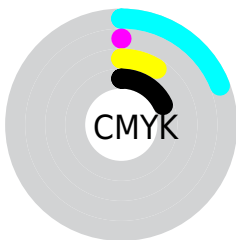
Blue (75%)



Red (67%)

Yellow (77%)

Blue (82%)

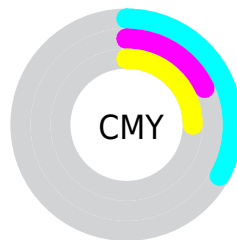


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (33%)


Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 170, 196, 210 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 170, 196, 210 by changing the saturation by 10% instead.

 170, 196, 210


255, 255, 255

 226, 242, 255

 170, 196, 210


 143, 168, 182

 117, 141, 155

 92, 116, 129

 68, 91, 104

 44, 67, 80

 21, 43, 57

 0, 21, 35

 0, 7, 7

 0, 0, 0

 170, 196, 210

 170, 196, 210

 149, 189, 210


 191, 203, 210

 128, 181, 210


 212, 210, 211

 107, 174, 210


 233, 210, 221

 86, 167, 210


 254, 210, 230

 65, 159, 210

 255, 210, 240

 44, 152, 210

 255, 210, 250

 23, 144, 210

 255, 210, 255

 2, 137, 210

 0, 137, 210

Harmonies

Analogous

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



177, 207, 197



170, 196, 210



159, 186, 211

Triad

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



170, 196, 210



193, 199, 233



233, 196, 179

Complementary

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



170, 196, 210



210, 170, 188

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.



236, 190, 194



170, 196, 210



214, 194, 225

Square

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



170, 196, 210



173, 194, 232



229, 191, 210



218, 222, 170

Rectangle

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



170, 196, 210



158, 186, 219



229, 191, 210



235, 192, 183

Sweetspot

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



170, 196, 210



240, 250, 255



170, 210, 191



119, 125, 128



0, 0, 0



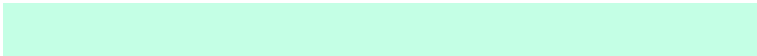
128, 128, 128

Same Dimension

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



170, 196, 210



196, 234, 255



170, 190, 210



94, 101, 105



0, 109, 168



0, 27, 41

Inverse Universe

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



210, 170, 188



255, 196, 223



210, 171, 170



105, 94, 99



168, 0, 78



41, 0, 19

Previews

White Background



This preview shows how the RYB color 170, 196, 210 looks on a white background.

Color Contrast Check

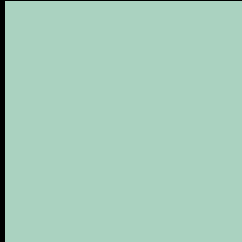
Large Text (above 18pt) WCAG AA × Fail

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 170, 196, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

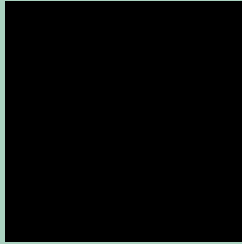
Any Text WCAG AA ✓ Pass

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 170, 196, 210 Background



This preview shows how black text looks on a background with the RYB color 170, 196, 210.



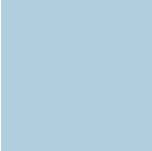
This preview shows how white text looks on a background with the RYB color 170, 196, 210.

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
176, 194, 222

Trichromacy



Original Color
170, 196, 210

Protanomaly
188, 204, 198

Deuteranomaly
199, 203, 194

Tritanomaly
174, 191, 211

Monochromacy



Original Color
170, 196, 210

Achromatopsia
196, 196, 196

Achromatomaly
187, 196, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 196, 210 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(170, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(170, 210, 192)  
}
```

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(170, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 210, 192) }
```

Border

The CSS property to change the border of an element to RYB 170, 196, 210 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(170, 210, 192) }
```

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

```
.border{ border-color:rgb(170, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(170, 210,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 170, 196, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 210, 192) }
```

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

```
.background{ background-color: rgb(170,  
210, 192) }
```

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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