

Converting Colors

`RYB(172, 206, 224)`

Have a look what the booklet for
RYB(172, 206, 224) contains.

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Color

R_YB(172, 206, 224)

Conversions

Conversions Part 1

Format	Color
Hex	ACE0C8
RGB	172, 224, 200
RGB Percent	67%, 88%, 78%
CMY	0.3255, 0.1216, 0.2175
CMYK	0.23, 0.00, 0.11, 0.12
HSL	152°, 46%, 78%
HSV	152°, 23%, 88%
XYZ	54.0393, 66.2301, 64.2912
YIQ	205.7160, -23.2880, -18.4880

Conversions

Conversions Part 2

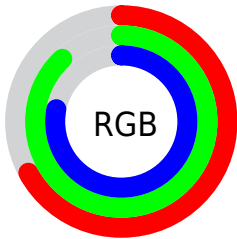
Format	Color
RYB	172, 206, 224
Decimal	11329736
CIELab	85.11, -21.62, 6.55
CIELCh	85, 22.588, 163.154
Yxy	66.2301, 0.2928, 0.3589
Android (android.graphics.Color)	4289519816 (0xFFACE0C8)
YUV	205.7160, -2.8180, -29.5689
Hunter-Lab	81.3819, -23.8905, 10.1286

Details

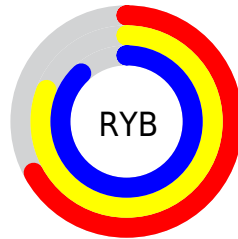
The RYB color **172, 206, 224** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **224, 172, 196**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **228, 242, 255**, and **119, 151, 169** is the 20% darker color. If you saturate the color by 10%, you get **150, 198, 224**, and if you desaturate by 10%, it is **194, 214, 224**.

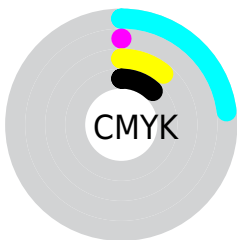
Distribution



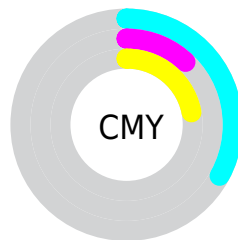
- Red (67%)
- Green (88%)
- Blue (78%)



- Red (67%)
- Yellow (81%)
- Blue (88%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (33%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 206, 224 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, 206, 224 by changing the saturation by 10% instead.

 172, 206, 224


255, 255, 255

 228, 242, 255

 172, 206, 224

 145, 178, 196

 119, 151, 169

 93, 125, 142

 68, 99, 116

 44, 73, 91

 19, 49, 68


 0, 28, 45

 0, 24, 26

 0, 0, 0

 172, 206, 224


 172, 206, 224

 150, 198, 224


 194, 214, 224

 127, 191, 224


 217, 221, 224

 105, 183, 224


 239, 224, 231

 82, 175, 224


 255, 224, 242

 60, 167, 224

 255, 224, 252

 38, 160, 224

 255, 224, 255

 15, 152, 224

 0, 146, 224

Harmonies

Analogous

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



181, 220, 206



172, 206, 224



157, 192, 225

Triad

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



172, 206, 224



201, 209, 254



254, 206, 184

Complementary

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



172, 206, 224



224, 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.



255, 198, 204



172, 206, 224



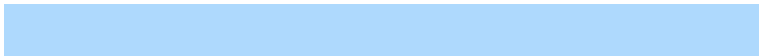
228, 204, 244

Square

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



172, 206, 224



174, 202, 253



248, 199, 226



236, 240, 172

Rectangle

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



172, 206, 224



155, 192, 235



248, 199, 226



255, 200, 190

Sweetspot

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



172, 206, 224



237, 249, 255



172, 224, 199



117, 124, 128



0, 0, 0



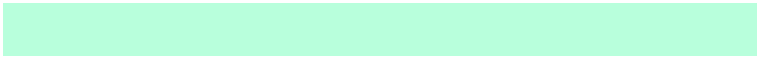
128, 128, 128

Same Dimension

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



172, 206, 224



184, 231, 255



172, 198, 224



101, 108, 112



0, 115, 176



0, 31, 48

Inverse Universe

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



224, 172, 196



255, 184, 217



224, 173, 172



112, 101, 106



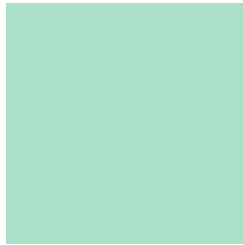
176, 0, 83



48, 0, 23

Previews

White Background



This preview shows how the RYB color 172, 206, 224 looks on a white background.

Color Contrast Check

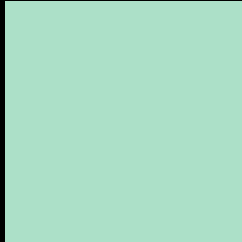
Large Text (above 18pt) WCAG AA × Fail

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, 206, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

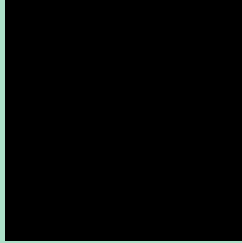
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

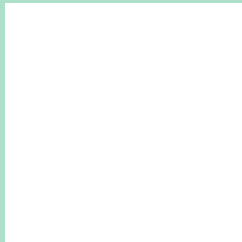
Any Text WCAG AAA ✓ Pass

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

RYB 172, 206, 224 Background



This preview shows how black text looks on a background with the RYB color 172, 206, 224.

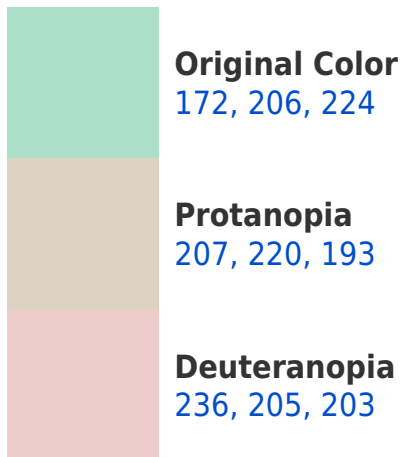


This preview shows how white text looks on a background with the RYB color 172, 206, 224.

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, 203, 236

Trichromacy



Original Color
172, 206, 224

Protanomaly
195, 216, 208

Deuteranomaly
203, 213, 202

Tritanomaly
176, 199, 223

Monochromacy



Original Color
172, 206, 224

Achromatopsia
206, 206, 206

Achromatomaly
194, 206, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 206, 224 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, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(172, 224, 200)  
}
```

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, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 224, 200) }
```

Border

The CSS property to change the border of an element to RYB 172, 206, 224 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, 224, 200) }
```

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

```
.border{ border-color:rgb(172, 224, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 224, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 224, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 224, 200); box-shadow:4px 4px 4px 4px rgb(172, 224, 200) }
```

Background

The CSS property to change the background color of an element to RYB 172, 206, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 224, 200) }
```

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

```
.background{ background-color: rgb(172,  
224, 200) }
```

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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