

Converting Colors

`RYB(173, 238, 208)`

Have a look what the booklet for
RYB(173, 238, 208) contains.

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Color

R_YB(173, 238, 208)

Conversions

Conversions Part 1

Format	Color
Hex	CBEEAD
RGB	203, 238, 173
RGB Percent	80%, 93%, 68%
CMY	0.2039, 0.0667, 0.3216
CMYK	0.15, 0.00, 0.27, 0.07
HSL	92°, 66%, 81%
HSV	92°, 27%, 93%
XYZ	62.7460, 76.8627, 51.0641
YIQ	220.1250, 0.0050, -27.6350

Conversions

Conversions Part 2

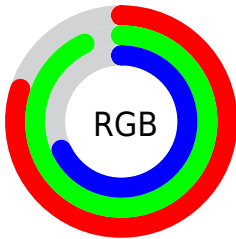
Format	Color
R _{YB}	173, 238, 208
Decimal	13364909
CIE Lab	90.26, -22.65, 27.82
CIE LCh	90, 35.870, 129.150
Yxy	76.8627, 0.3291, 0.4031
Android (android.graphics.Color)	4291554989 (0xFFCBEEAD)
YUV	220.1250, -23.2326, -15.0186
Hunter-Lab	87.6714, -25.6734, 26.8366

Details

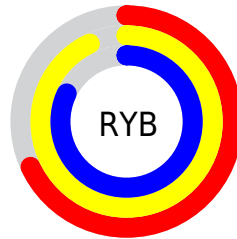
The RYB color **173, 238, 208** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **208, 173, 238**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **229, 255, 229**, and **120, 182, 154** is the 20% darker color. If you saturate the color by 10%, you get **149, 238, 197**, and if you desaturate by 10%, it is **197, 238, 219**.

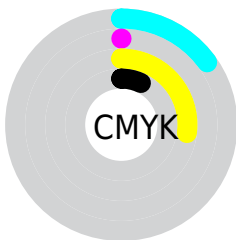
Distribution



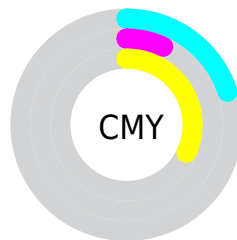
- Red (80%)
- Green (93%)
- Blue (68%)



- Red (68%)
- Yellow (93%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 238, 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 173, 238, 208 by changing the saturation by 10% instead.


 173, 238, 208


255, 255, 255


 229, 255, 229

 173, 238, 208

 146, 210, 181

 120, 182, 154


 95, 155, 128

 71, 129, 104

 47, 104, 79

 25, 79, 56

 0, 56, 32

 0, 35, 35

 0, 2, 2

■ 173, 238, 208

■ 173, 238, 208

■ 149, 238, 197

■ 197, 238, 219

■ 125, 238, 186

■ 221, 238, 230

■ 102, 238, 175

■ 241, 238, 244

■ 78, 238, 164

■ 254, 238, 255

■ 54, 238, 153

■ 255, 238, 255

■ 30, 238, 142

■ 6, 238, 131

■ 0, 238, 128

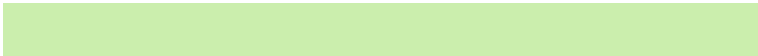
Harmonies

Analogous

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



174, 241, 159



173, 238, 208



163, 218, 244

Triad

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



173, 238, 208



149, 197, 255



255, 202, 218

Complementary

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



173, 238, 208



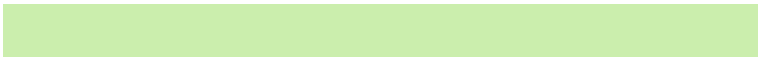
208, 173, 238

Split Complementary

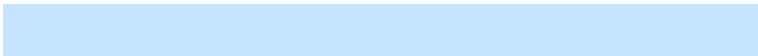
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 252



173, 238, 208



198, 217, 255

Square

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



173, 238, 208



120, 185, 255



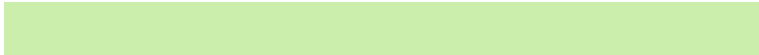
245, 215, 255



255, 215, 185

Rectangle

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



173, 238, 208



139, 198, 246



245, 215, 255



255, 202, 229

Sweetspot

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



173, 238, 208



235, 255, 246



229, 238, 173



115, 128, 122



0, 0, 0



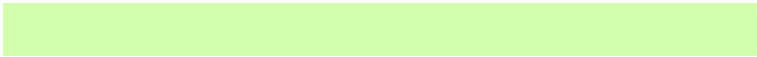
128, 128, 128

Same Dimension

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



173, 238, 208



171, 255, 216



173, 236, 238



108, 120, 115



0, 184, 99



0, 56, 30

Inverse Universe

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



208, 173, 238



216, 171, 255



238, 173, 236



114, 108, 120



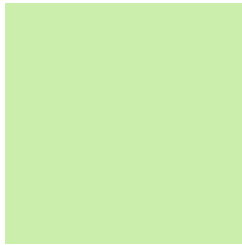
99, 0, 184



30, 0, 56

Previews

White Background



This preview shows how the RYB color 173, 238, 208 looks on a white background.

Color Contrast Check

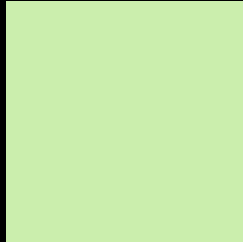
Large Text (above 18pt) WCAG AA × Fail

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 173, 238, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

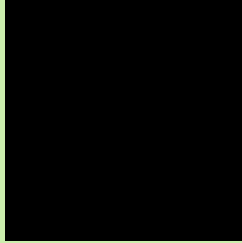
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

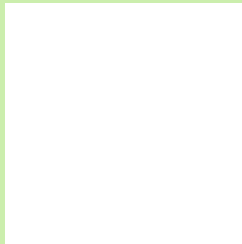
Any Text WCAG AAA ✓ Pass

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

RYB 173, 238, 208 Background



This preview shows how black text looks on a background with the RYB color 173, 238, 208.

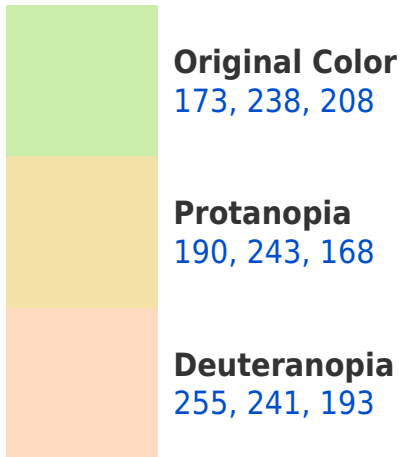


This preview shows how white text looks on a background with the RYB color 173, 238, 208.

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





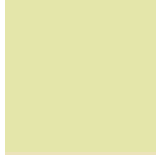
Tritanopia
214, 224, 247

Trichromacy



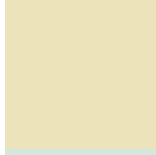
Original Color

173, 238, 208



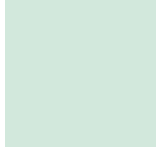
Protanomaly

170, 230, 172



Deuteranomaly

197, 236, 186



Tritanomaly

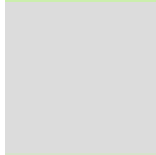
210, 225, 232

Monochromacy



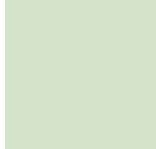
Original Color

173, 238, 208



Achromatopsia

220, 220, 220



Achromatomaly

203, 227, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 238, 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(203, 238, 173)` looks like.

```
.text, #text, p{  
    color:rgb(203, 238, 173)  
}
```

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(203, 238, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 238, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 238, 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(203, 238, 173) }
```

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

```
.border{ border-color:rgb(203, 238, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 238, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 238, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 238, 173);  
box-shadow:4px 4px 4px 4px rgb(203, 238,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 238, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 238, 173) }
```

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

```
.background{ background-color: rgb(203,  
238, 173) }
```

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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