

Converting Colors

`RYB(173, 241, 218)`

Have a look what the booklet for
RYB(173, 241, 218) contains.

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Color

$\text{RYB}(173, 241, 218)$

Conversions

Conversions Part 1

Format	Color
Hex	C4F1AD
RGB	196, 241, 173
RGB Percent	77%, 95%, 68%
CMY	0.2314, 0.0549, 0.3216
CMYK	0.19, 0.00, 0.28, 0.05
HSL	100°, 71%, 81%
HSV	100°, 28%, 95%
XYZ	61.7631, 77.6635, 51.2705
YIQ	219.7930, -4.9920, -30.6880

Conversions

Conversions Part 2

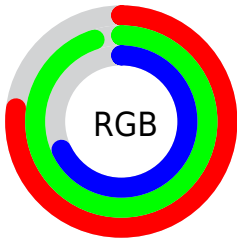
Format	Color
RYB	173, 241, 218
Decimal	12906925
CIELab	90.63, -26.52, 28.24
CIELCh	91, 38.739, 133.195
Yxy	77.6635, 0.3239, 0.4073
Android (android.graphics.Color)	4291097005 (0xFFC4F1AD)
YUV	219.7930, -23.0689, -20.8665
Hunter-Lab	88.1269, -29.1217, 27.1951

Details

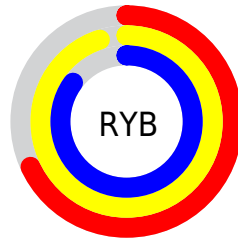
The RYB color **173, 241, 218** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **218, 173, 241**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **229, 255, 231**, and **120, 185, 164** is the 20% darker color. If you saturate the color by 10%, you get **149, 241, 210**, and if you desaturate by 10%, it is **197, 241, 226**.

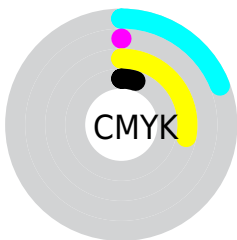
Distribution



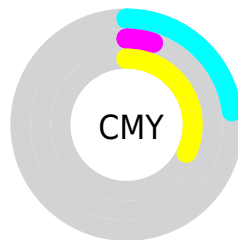
- Red (77%)
- Green (95%)
- Blue (68%)



- Red (68%)
- Yellow (95%)
- Blue (85%)



- Cyan (19%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (23%)
- Magenta (5%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 241, 218 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, 241, 218 by changing the saturation by 10% instead.


 173, 241, 218


255, 255, 255


 229, 255, 231


 173, 241, 218

 146, 213, 191

 120, 185, 164


 95, 158, 138

 71, 131, 113

 47, 106, 88

 24, 82, 66

 0, 58, 43

 0, 37, 37

 0, 4, 4

■ 173, 241, 218

■ 173, 241, 218

■ 149, 241, 210

■ 197, 241, 226

■ 125, 241, 202

■ 221, 241, 234

■ 101, 241, 194

■ 244, 241, 245

■ 77, 241, 186

■ 255, 241, 255

■ 52, 241, 177

■ 28, 241, 169

■ 4, 241, 161

■ 0, 241, 159

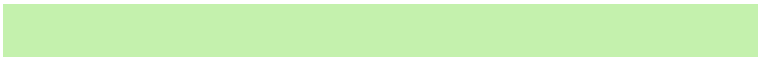
Harmonies

Analogous

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



163, 238, 155



173, 241, 218



152, 213, 247

Triad

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



173, 241, 218



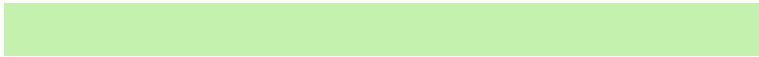
148, 197, 255



255, 201, 213

Complementary

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



173, 241, 218



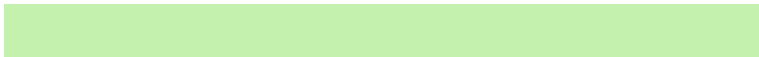
218, 173, 241

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, 203, 251



173, 241, 218



204, 219, 255

Square

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



173, 241, 218



109, 180, 255



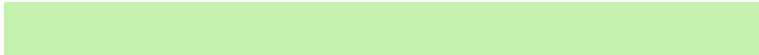
254, 213, 255



255, 223, 179

Rectangle

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



173, 241, 218



126, 192, 249



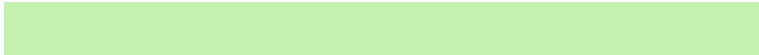
254, 213, 255



255, 200, 225

Sweetspot

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



173, 241, 218



235, 255, 248



210, 241, 173



115, 128, 124



0, 0, 0



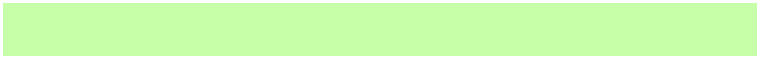
128, 128, 128

Same Dimension

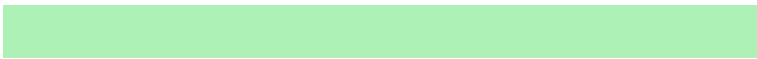
The Same Dimension uses a secret algorithm to generate beautiful new colors.



173, 241, 218



168, 255, 225



173, 232, 241



108, 120, 116



0, 184, 122



0, 56, 37

Inverse Universe

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



218, 173, 241



226, 168, 255



241, 173, 231



116, 108, 120



121, 0, 184



37, 0, 56

Previews

White Background



This preview shows how the RYB color 173, 241, 218 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, 241, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

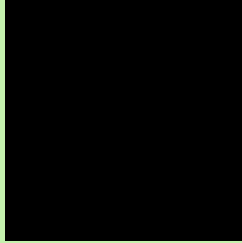
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

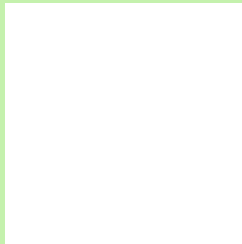
Any Text WCAG AAA ✓ Pass

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

RYB 173, 241, 218 Background



This preview shows how black text looks on a background with the RYB color 173, 241, 218.

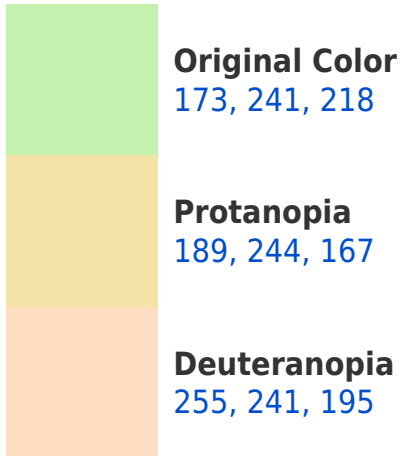


This preview shows how white text looks on a background with the RYB color 173, 241, 218.

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
208, 223, 249

Trichromacy



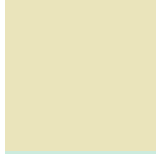
Original Color

173, 241, 218



Protanomaly

169, 232, 174



Deuteranomaly

194, 234, 187



Tritanomaly

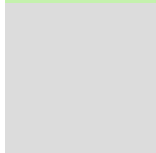
204, 224, 235

Monochromacy



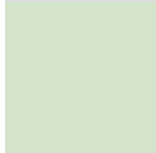
Original Color

173, 241, 218



Achromatopsia

220, 220, 220



Achromatomaly

203, 228, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 241, 218 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(196, 241, 173)` looks like.

```
.text, #text, p{  
    color:rgb(196, 241, 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(196, 241, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 241, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 241, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

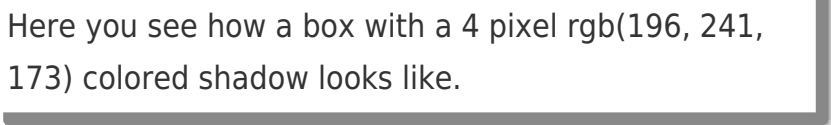
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 241, 173) }
```

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

```
.border{ border-color:rgb(196, 241, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 241, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 241, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 241, 173); box-shadow:4px 4px 4px 4px rgb(196, 241, 173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 241, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 241, 173) }
```

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

```
.background{ background-color: rgb(196,  
241, 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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