

Converting Colors

`RYB(173, 240, 168)`

Have a look what the booklet for
RYB(173, 240, 168) contains.

RYB(173, 240, 168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(173, 240, 168)

Conversions

Conversions Part 1

Format	Color
Hex	F0EBA8
RGB	240, 235, 168
RGB Percent	94%, 92%, 66%
CMY	0.0588, 0.0772, 0.3412
CMYK	0.00, 0.02, 0.30, 0.06
HSL	56°, 71%, 80%
HSV	56°, 30%, 94%
XYZ	72.8044, 80.9552, 48.8345
YIQ	228.8570, 24.4870, -19.7770

Conversions

Conversions Part 2

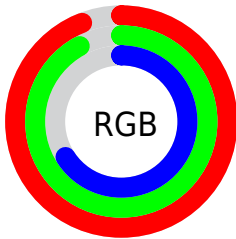
Format	Color
RYB	173, 240, 168
Decimal	15788968
CIELab	92.11, -8.51, 33.31
CIELCh	92, 34.379, 104.339
Yxy	80.9552, 0.3594, 0.3996
Android (android.graphics.Color)	4293979048 (0xFFFF0EBA8)
YUV	228.8570, -30.0025, 9.7724
Hunter-Lab	89.9751, -13.0210, 30.8026

Details

The RYB color **173, 240, 168** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **168, 173, 240**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **224, 255, 224**, and **119, 183, 115** is the 20% darker color. If you saturate the color by 10%, you get **150, 240, 144**, and if you desaturate by 10%, it is **195, 240, 192**.

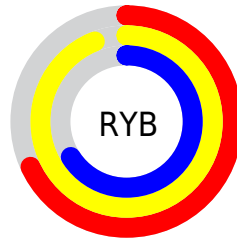
Distribution



Red (94%)

Green (92%)

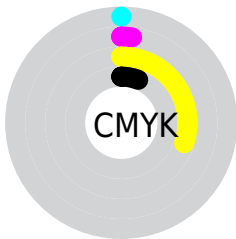
Blue (66%)



Red (68%)

Yellow (94%)

Blue (66%)

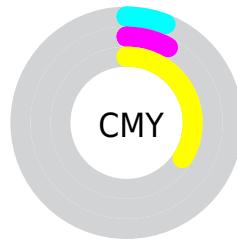


Cyan (0%)

Magenta (2%)

Yellow (30%)

Black (6%)



Cyan (6%)

Magenta (8%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 240, 168 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, 240, 168 by changing the saturation by 10% instead.

 173, 240, 168

255, 255, 255

 224, 255, 224

 252, 255, 252

 173, 240, 168

 145, 211, 141

 118, 183, 115

 93, 156, 90


 68, 129, 66

 43, 103, 42

 19, 78, 19

 0, 55, 1

 0, 34, 3

 0, 14, 14

 173, 240, 168

 173, 240, 168

 150, 240, 144

 195, 240, 192

 129, 240, 120

 218, 240, 216

 106, 240, 96

 240, 240, 240

 84, 240, 72

 240, 242, 255

 61, 240, 48

 240, 243, 255

 39, 240, 24

 240, 244, 255

 17, 240, 0

 240, 244, 255

 240, 245, 255

 240, 246, 255

Harmonies

Analogous

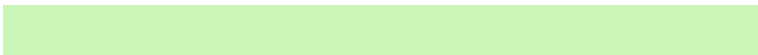
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217, 255, 169



173, 240, 168



184, 244, 225

Triad

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



173, 240, 168



135, 193, 255



255, 210, 251

Complementary

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



173, 240, 168



168, 173, 240

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, 218, 255



173, 240, 168



167, 207, 255

Square

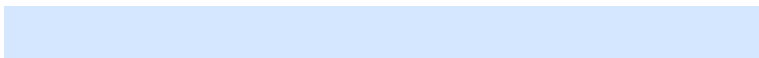
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



173, 240, 168



137, 195, 251



213, 225, 255



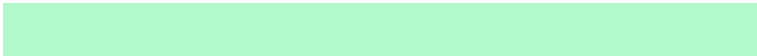
255, 208, 217

Rectangle

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



173, 240, 168



177, 229, 248



213, 225, 255



255, 212, 255

Sweetspot

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



173, 240, 168



233, 255, 232



240, 168, 173



114, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

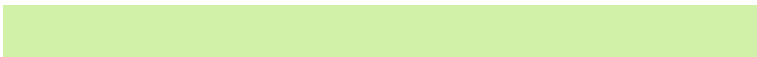
The Same Dimension uses a secret algorithm to generate beautiful new colors.



173, 240, 168



169, 255, 163



168, 240, 199



109, 120, 108



13, 184, 0



4, 56, 0

Inverse Universe

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



168, 173, 240



163, 169, 255



199, 168, 240



108, 109, 120



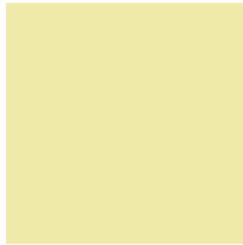
0, 11, 184



0, 4, 56

Previews

White Background



This preview shows how the RYB color 173, 240, 168 looks on a white background.

Color Contrast Check

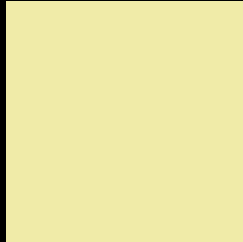
Large Text (above 18pt) WCAG AA × Fail

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, 240, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

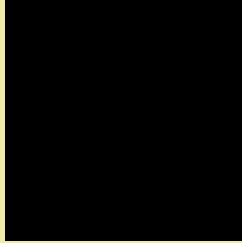
Any Text WCAG AA ✓ Pass

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, 240, 168 Background



This preview shows how black text looks on a background with the RYB color 173, 240, 168.

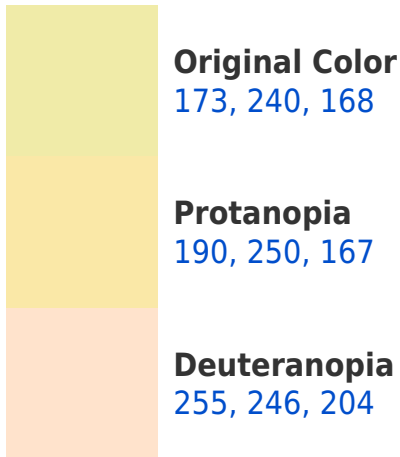


This preview shows how white text looks on a background with the RYB color 173, 240, 168.

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

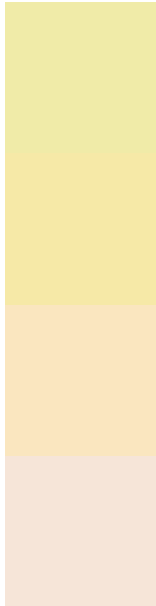




Tritanopia

249, 226, 243

Trichromacy



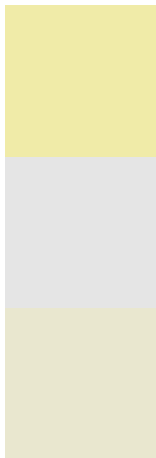
Original Color
173, 240, 168

Protanomaly
183, 246, 167

Deuteranomaly
221, 250, 191

Tritanomaly
246, 239, 216

Monochromacy



Original Color
173, 240, 168

Achromatopsia
229, 229, 229

Achromatomaly
209, 233, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 240, 168 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(240, 235, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 235, 168)  
}
```

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(240, 235, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 168) }
```

Border

The CSS property to change the border of an element to RYB 173, 240, 168 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(240, 235, 168) }
```

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

```
.border{ border-color:rgb(240, 235, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 235, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 173, 240, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 235, 168) }
```

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

```
.background{ background-color: rgb(240,  
235, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor