

Converting Colors

`RYB(175, 245, 228)`

Have a look what the booklet for
RYB(175, 245, 228) contains.

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Color

R_YB(175, 245, 228)

Conversions

Conversions Part 1

Format	Color
Hex	C0F5AF
RGB	192, 245, 175
RGB Percent	75%, 96%, 69%
CMY	0.2471, 0.0392, 0.3137
CMYK	0.22, 0.00, 0.29, 0.04
HSL	105°, 78%, 82%
HSV	105°, 29%, 96%
XYZ	62.1285, 79.6064, 52.6485
YIQ	221.1730, -9.1180, -33.0060

Conversions

Conversions Part 2

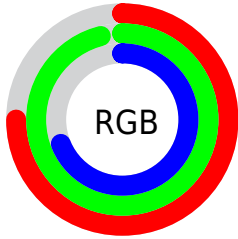
Format	Color
RYB	175, 245, 228
Decimal	12645807
CIELab	91.51, -29.47, 28.38
CIElCh	92, 40.910, 136.074
Yxy	79.6064, 0.3196, 0.4095
Android (android.graphics.Color)	4290835887 (0xFFC0F5AF)
YUV	221.1730, -22.7633, -25.5847
Hunter-Lab	89.2224, -31.8439, 27.4698

Details

The RYB color **175, 245, 228** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **228, 175, 245**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **231, 255, 237**, and **122, 189, 174** is the 20% darker color. If you saturate the color by 10%, you get **150, 245, 222**, and if you desaturate by 10%, it is **200, 245, 234**.

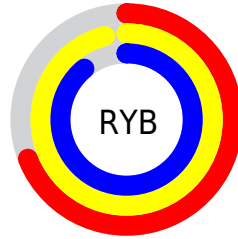
Distribution



Red (75%)

Green (96%)

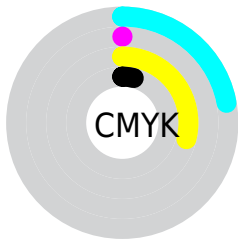
Blue (69%)



Red (69%)

Yellow (96%)

Blue (89%)

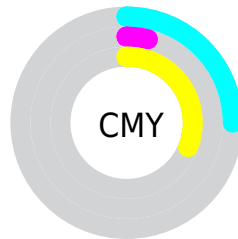


Cyan (22%)

Magenta (0%)

Yellow (29%)

Black (4%)



Cyan (25%)

Magenta (4%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 245, 228 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 175, 245, 228 by changing the saturation by 10% instead.

 175, 245, 228


255, 255, 255


 231, 255, 237

 175, 245, 228

 148, 216, 200

 122, 189, 174

 97, 161, 147


 72, 135, 122

 49, 109, 98

 26, 85, 76

 2, 61, 57

 0, 39, 39

 0, 10, 10

 175, 245, 228

 175, 245, 228

 150, 245, 222

 200, 245, 234

 126, 245, 216

 224, 245, 240

 102, 245, 211

 248, 245, 249

 77, 245, 204

 255, 245, 255

 52, 245, 198

 28, 245, 192

 3, 245, 186

 0, 245, 185

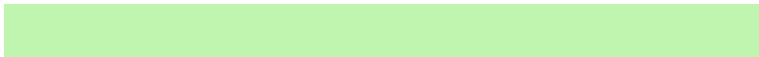
Harmonies

Analogous

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



155, 236, 154



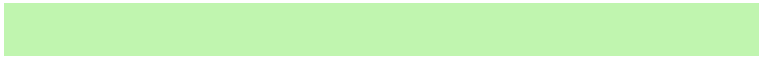
175, 245, 228



145, 211, 251

Triad

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



175, 245, 228



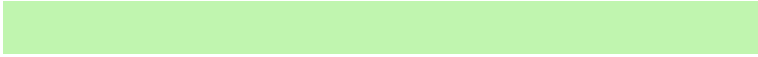
149, 198, 255



255, 201, 211

Complementary

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



175, 245, 228



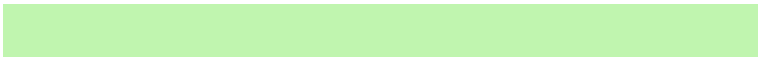
228, 175, 245

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



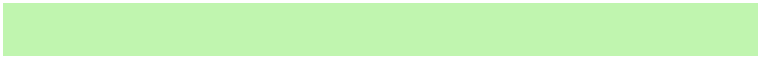
175, 245, 228



210, 222, 255

Square

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



175, 245, 228



102, 177, 255



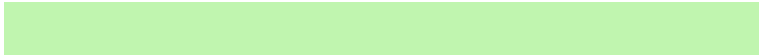
255, 213, 255



255, 233, 176

Rectangle

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



175, 245, 228



116, 188, 252



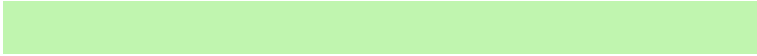
255, 213, 255



255, 201, 224

Sweetspot

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



175, 245, 228



232, 255, 249



197, 245, 175



113, 128, 124



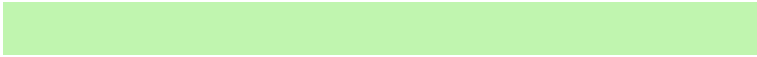
0, 0, 0



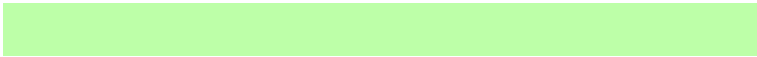
128, 128, 128

Same Dimension

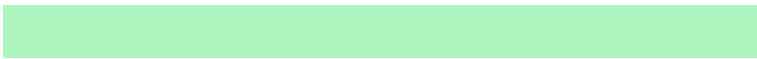
The Same Dimension uses a secret algorithm to generate beautiful new colors.



175, 245, 228



168, 255, 234



175, 231, 245



110, 122, 119



0, 186, 141



0, 59, 45

Inverse Universe

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



228, 175, 245



234, 168, 255



245, 175, 228



119, 110, 122



141, 0, 186



44, 0, 59

Previews

White Background



This preview shows how the RYB color 175, 245, 228 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 175, 245, 228 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 175, 245, 228 Background



This preview shows how black text looks on a background with the RYB color 175, 245, 228.

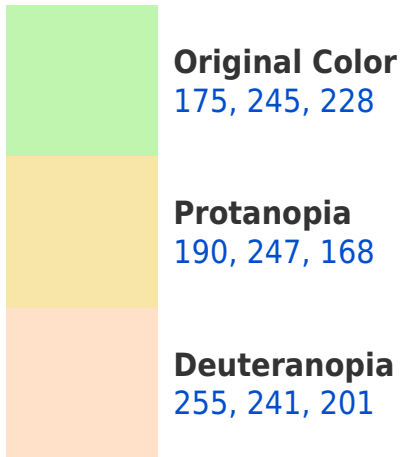


This preview shows how white text looks on a background with the RYB color 175, 245, 228.

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

205, 224, 254

Trichromacy



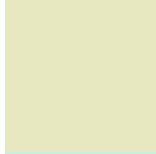
Original Color

175, 245, 228



Protanomaly

171, 235, 179



Deuteranomaly

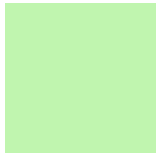
192, 232, 192



Tritanomaly

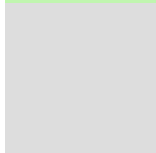
200, 224, 239

Monochromacy



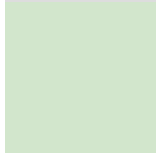
Original Color

175, 245, 228



Achromatopsia

221, 221, 221



Achromatomaly

204, 230, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 245, 228 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(192, 245, 175)` looks like.

```
.text, #text, p{  
    color:rgb(192, 245, 175)  
}
```

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(192, 245, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 245, 175) }
```

Border

The CSS property to change the border of an element to RYB 175, 245, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

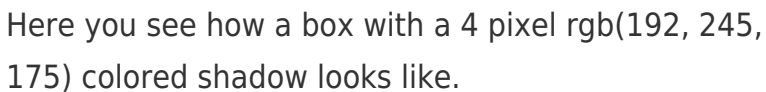
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 245, 175) }
```

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

```
.border{ border-color:rgb(192, 245, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 245, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 245, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 245, 175); box-shadow:4px 4px 4px 4px rgb(192, 245, 175) }
```

Background

The CSS property to change the background color of an element to RYB 175, 245, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 245, 175) }
```

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

```
.background{ background-color: rgb(192,  
245, 175) }
```

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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