

Converting Colors

`RYB(177, 245, 223)`

Have a look what the booklet for
RYB(177, 245, 223) contains.

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Color

R_YB(177, 245, 223)

Conversions

Conversions Part 1

Format	Color
Hex	C7F5B1
RGB	199, 245, 177
RGB Percent	78%, 96%, 69%
CMY	0.2196, 0.0392, 0.3059
CMYK	0.19, 0.00, 0.28, 0.04
HSL	101°, 77%, 83%
HSV	101°, 28%, 96%
XYZ	64.1414, 80.6213, 53.7758
YIQ	223.4940, -5.5880, -30.9000

Conversions

Conversions Part 2

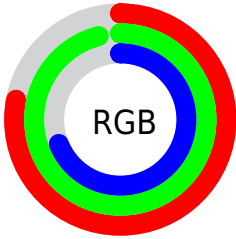
Format	Color
RYB	177, 245, 223
Decimal	13104561
CIELab	91.96, -26.79, 28.05
CIELCh	92, 38.789, 133.681
Yxy	80.6213, 0.3231, 0.4061
Android (android.graphics.Color)	4291294641 (0xFFC7F5B1)
YUV	223.4940, -22.9215, -21.4812
Hunter-Lab	89.7893, -29.6191, 27.3431

Details

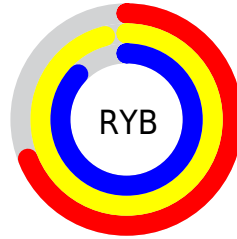
The RYB color **177, 245, 223** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **223, 177, 245**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **233, 255, 233**, and **124, 189, 169** is the 20% darker color. If you saturate the color by 10%, you get **153, 245, 216**, and if you desaturate by 10%, it is **202, 245, 231**.

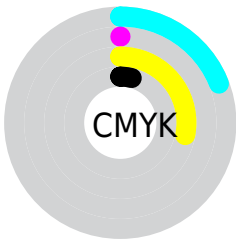
Distribution



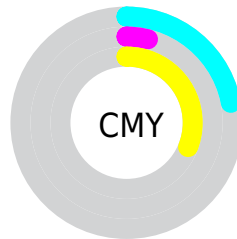
- Red (78%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 245, 223 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 177, 245, 223 by changing the saturation by 10% instead.

 177, 245, 223


255, 255, 255


 233, 255, 233


 177, 245, 223

 150, 216, 195

 124, 189, 169

 99, 161, 142


 74, 135, 117

 51, 109, 93

 28, 85, 70

 4, 61, 47

 0, 39, 39

 0, 13, 13

 177, 245, 223

 177, 245, 223

 153, 245, 216

 202, 245, 231

 128, 245, 207

 226, 245, 239

 103, 245, 199

 249, 245, 251

 79, 245, 191

 255, 245, 255

 55, 245, 184

 30, 245, 175

 6, 245, 168

 0, 245, 166

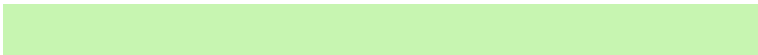
Harmonies

Analogous

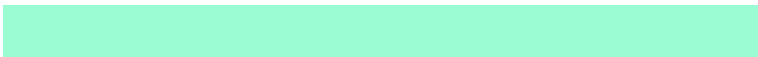
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165, 241, 159



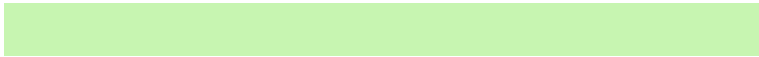
177, 245, 223



155, 216, 251

Triad

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



177, 245, 223



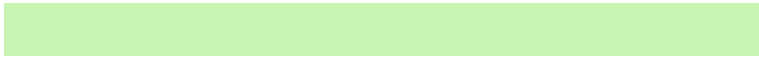
153, 200, 255



255, 204, 216

Complementary

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



177, 245, 223



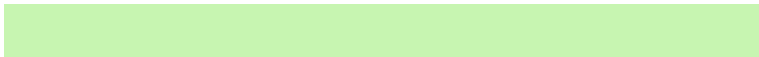
223, 177, 245

Split Complementary

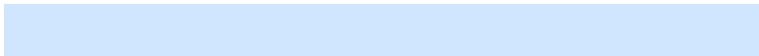
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 206, 254



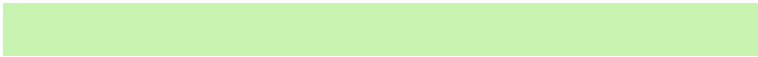
177, 245, 223



208, 223, 255

Square

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



177, 245, 223



113, 182, 255



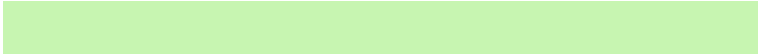
255, 216, 255



255, 230, 182

Rectangle

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



177, 245, 223



129, 196, 253



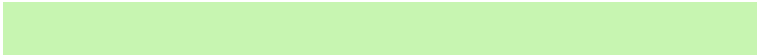
255, 216, 255



255, 204, 229

Sweetspot

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



177, 245, 223



235, 255, 249



212, 245, 177



115, 128, 124



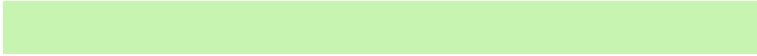
0, 0, 0



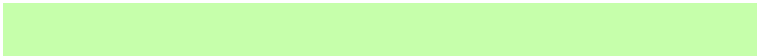
128, 128, 128

Same Dimension

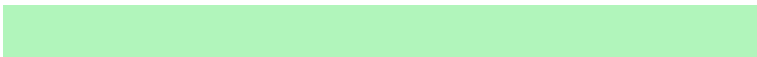
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 245, 223



171, 255, 228



177, 236, 245



110, 122, 118



0, 186, 126



0, 59, 40

Inverse Universe

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



223, 177, 245



228, 171, 255



245, 177, 234



118, 110, 122



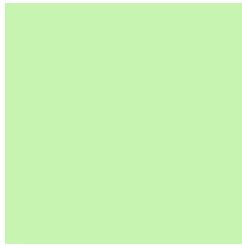
126, 0, 186



40, 0, 59

Previews

White Background



This preview shows how the RYB color 177, 245, 223 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 177, 245, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

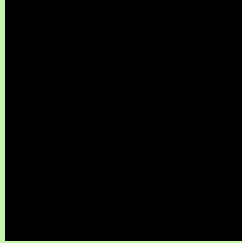
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

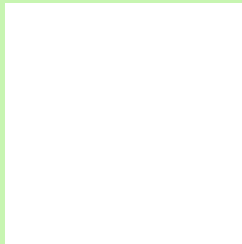
Any Text WCAG AAA ✓ Pass

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

RYB 177, 245, 223 Background



This preview shows how black text looks on a background with the RYB color 177, 245, 223.



This preview shows how white text looks on a background with the RYB color 177, 245, 223.

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





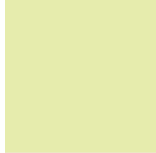
Tritanopia
211, 226, 254

Trichromacy



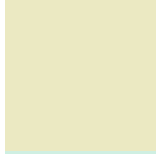
Original Color

177, 245, 223



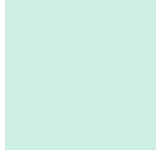
Protanomaly

173, 236, 179



Deuteranomaly

196, 235, 194



Tritanomaly

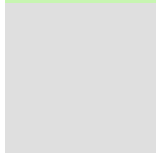
207, 227, 239

Monochromacy



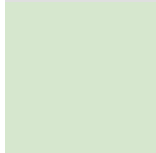
Original Color

177, 245, 223



Achromatopsia

223, 223, 223



Achromatomaly

206, 231, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 245, 223 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(199, 245, 177)` looks like.

```
.text, #text, p{  
    color:rgb(199, 245, 177)  
}
```

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(199, 245, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 245, 177) }
```

Border

The CSS property to change the border of an element to RYB 177, 245, 223 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(199, 245, 177) }
```

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

```
.border{ border-color:rgb(199, 245, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 245, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 245, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 245, 177);  
box-shadow:4px 4px 4px 4px rgb(199, 245,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 177, 245, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 245, 177) }
```

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

```
.background{ background-color: rgb(199,  
245, 177) }
```

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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