

Converting Colors

`RYB(197, 239, 224)`

Have a look what the booklet for
RYB(197, 239, 224) contains.

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Color

R_YB(197, 239, 224)

Conversions

Conversions Part 1

Format	Color
Hex	D4EFC5
RGB	212, 239, 197
RGB Percent	83%, 94%, 77%
CMY	0.1686, 0.0627, 0.2275
CMYK	0.11, 0.00, 0.18, 0.06
HSL	99°, 57%, 85%
HSV	99°, 18%, 94%
XYZ	68.0959, 79.7613, 64.6298
YIQ	226.1390, -2.6100, -18.7860

Conversions

Conversions Part 2

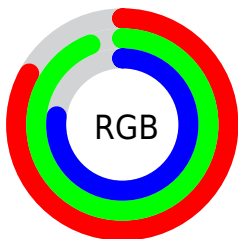
Format	Color
RYB	197, 239, 224
Decimal	13955013
CIELab	91.58, -16.30, 17.40
CIELCh	92, 23.837, 133.127
Yxy	79.7613, 0.3205, 0.3754
Android (android.graphics.Color)	4292145093 (0xFFD4EFC5)
YUV	226.1390, -14.3655, -12.3999
Hunter-Lab	89.3092, -20.1894, 19.6104

Details

The RYB color **197, 239, 224** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **224, 197, 239**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **254, 255, 254**, and **143, 183, 169** is the 20% darker color. If you saturate the color by 10%, you get **173, 239, 215**, and if you desaturate by 10%, it is **221, 239, 233**.

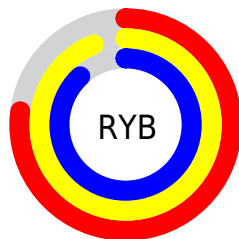
Distribution



Red (83%)

Green (94%)

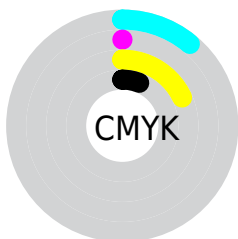
Blue (77%)



Red (77%)

Yellow (94%)

Blue (88%)

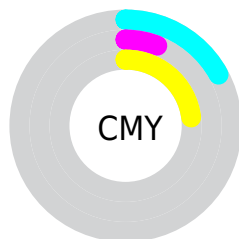


Cyan (11%)

Magenta (0%)

Yellow (18%)

Black (6%)



Cyan (17%)

Magenta (6%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 239, 224 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 197, 239, 224 by changing the saturation by 10% instead.

 197, 239, 224

255, 255, 255


254, 255, 254

 197, 239, 224

 170, 211, 197

 143, 183, 169


 117, 156, 142


 93, 130, 118

 69, 105, 93

 46, 81, 70

 25, 57, 47


 0, 36, 20

 0, 11, 11

 197, 239, 224

 197, 239, 224

 173, 239, 215

 221, 239, 233

 149, 239, 207


 243, 239, 245

 125, 239, 198

 255, 239, 255

 101, 239, 189

 78, 239, 182

 54, 239, 173

 30, 239, 165

 6, 239, 156

 0, 239, 154

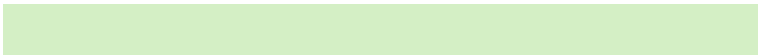
Harmonies

Analogous

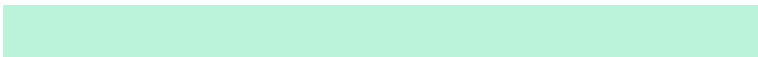
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192, 238, 186



197, 239, 224



187, 223, 243

Triad

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



197, 239, 224



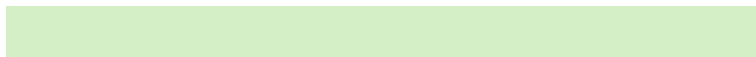
189, 217, 255



255, 215, 221

Complementary

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



197, 239, 224



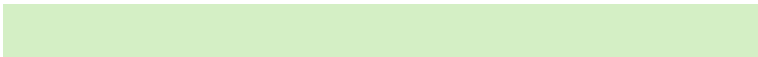
224, 197, 239

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, 216, 245



197, 239, 224



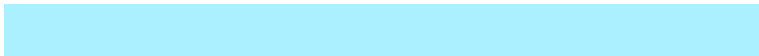
218, 226, 255

Square

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



197, 239, 224



171, 209, 255



247, 222, 255



255, 226, 201

Rectangle

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



197, 239, 224



175, 213, 244



247, 222, 255



255, 215, 229

Sweetspot

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



197, 239, 224



242, 255, 250



220, 239, 197



120, 128, 125



0, 0, 0



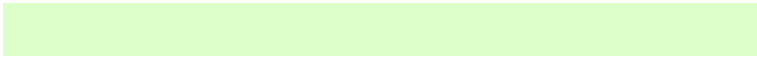
128, 128, 128

Same Dimension

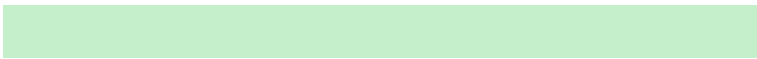
The Same Dimension uses a secret algorithm to generate beautiful new colors.



197, 239, 224



201, 255, 235



197, 234, 239



108, 120, 116



0, 184, 118



0, 56, 36

Inverse Universe

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



224, 197, 239



236, 201, 255



239, 197, 233



116, 108, 120



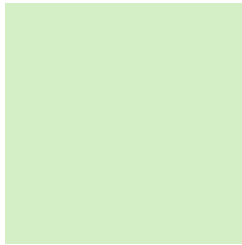
118, 0, 184



36, 0, 56

Previews

White Background



This preview shows how the RYB color 197, 239, 224 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 197, 239, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

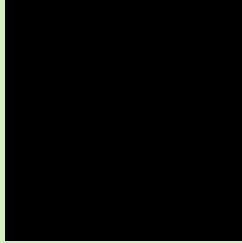
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

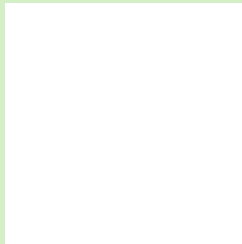
Any Text WCAG AAA ✓ Pass

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

RYB 197, 239, 224 Background



This preview shows how black text looks on a background with the RYB color 197, 239, 224.

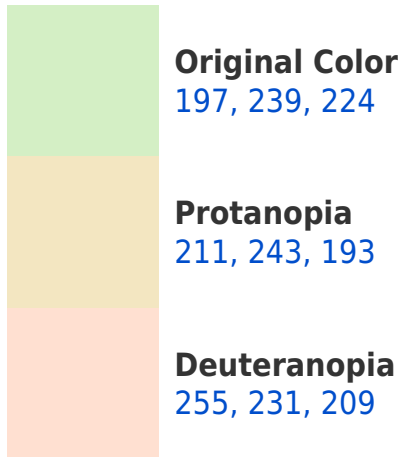


This preview shows how white text looks on a background with the RYB color 197, 239, 224.

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
220, 229, 250

Trichromacy



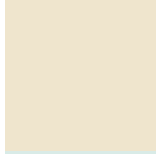
Original Color

197, 239, 224



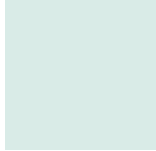
Protanomaly

194, 233, 195



Deuteranomaly

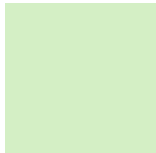
219, 239, 205



Tritanomaly

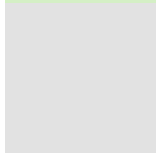
217, 227, 235

Monochromacy



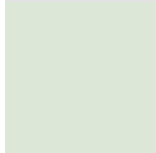
Original Color

197, 239, 224



Achromatopsia

226, 226, 226



Achromatomaly

215, 231, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 239, 224 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(212, 239, 197)` looks like.

```
.text, #text, p{  
    color:rgb(212, 239, 197)  
}
```

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(212, 239, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 239, 197) }
```

Border

The CSS property to change the border of an element to RYB 197, 239, 224 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(212, 239, 197) }
```

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

```
.border{ border-color:rgb(212, 239, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 239, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 239, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 239, 197); box-shadow:4px 4px 4px 4px rgb(212, 239, 197) }
```

Background

The CSS property to change the background color of an element to RYB 197, 239, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 239, 197) }
```

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

```
.background{ background-color: rgb(212,  
239, 197) }
```

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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