

Converting Colors

`RYB(205, 237, 224)`

Have a look what the booklet for
RYB(205, 237, 224) contains.

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Color

R_YB(205, 237, 224)

Conversions

Conversions Part 1

Format	Color
Hex	DAEDCD
RGB	218, 237, 205
RGB Percent	85%, 93%, 80%
CMY	0.1451, 0.0706, 0.1961
CMYK	0.08, 0.00, 0.14, 0.07
HSL	96°, 47%, 87%
HSV	96°, 14%, 93%
XYZ	70.2171, 79.8816, 69.4755
YIQ	227.6710, -1.0520, -13.9800

Conversions

Conversions Part 2

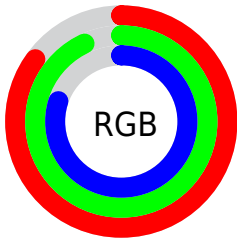
Format	Color
RYB	205, 237, 224
Decimal	14347725
CIELab	91.63, -11.93, 13.39
CIELCh	92, 17.934, 131.700
Yxy	79.8816, 0.3198, 0.3638
Android (android.graphics.Color)	4292537805 (0xFFDAEDCD)
YUV	227.6710, -11.1768, -8.4815
Hunter-Lab	89.3765, -16.1735, 16.4754

Details

The RYB color **205, 237, 224** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **224, 205, 237**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 181, 169** is the 20% darker color. If you saturate the color by 10%, you get **181, 237, 214**, and if you desaturate by 10%, it is **229, 237, 234**.

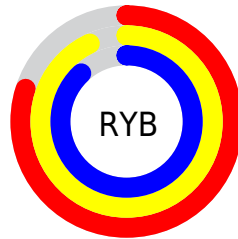
Distribution



Red (85%)

Green (93%)

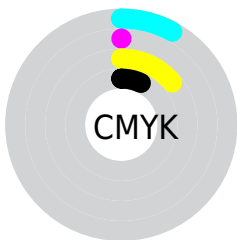
Blue (80%)



Red (80%)

Yellow (93%)

Blue (88%)

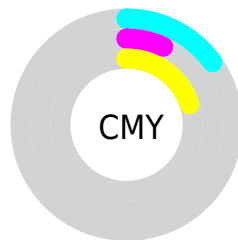


Cyan (8%)

Magenta (0%)

Yellow (14%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 237, 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 205, 237, 224 by changing the saturation by 10% instead.

■ 205, 237, 224

255, 255, 255

■ 205, 237, 224

■ 178, 209, 197

■ 151, 181, 169

■ 125, 154, 142

■ 100, 128, 117

■ 76, 103, 92

■ 53, 79, 69


■ 32, 56, 47

■ 9, 35, 24

■ 0, 11, 11

 205, 237, 224

 205, 237, 224

 181, 237, 214

 229, 237, 234

 158, 237, 205

 246, 237, 252

 134, 237, 195

 255, 237, 255

 110, 237, 185

 86, 237, 175

 63, 237, 166

 39, 237, 157

 15, 237, 147

 0, 237, 141

Harmonies

Analogous

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



204, 238, 197



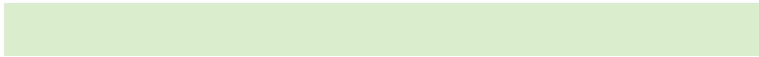
205, 237, 224



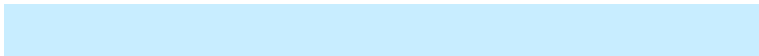
200, 227, 240

Triad

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



205, 237, 224



200, 222, 255



255, 219, 225

Complementary

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



205, 237, 224



224, 205, 237

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, 220, 242



205, 237, 224



221, 228, 255

Square

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



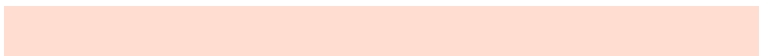
205, 237, 224



188, 217, 253



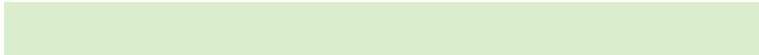
243, 224, 255



255, 227, 209

Rectangle

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



205, 237, 224



191, 219, 241



243, 224, 255



255, 219, 231

Sweetspot

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



205, 237, 224



245, 255, 251



227, 237, 205



121, 128, 125



0, 0, 0



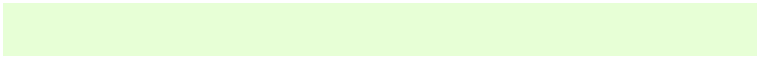
128, 128, 128

Same Dimension

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



205, 237, 224



214, 255, 238



205, 234, 237



106, 117, 113



0, 181, 107



0, 54, 32

Inverse Universe

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



224, 205, 237



238, 214, 255



237, 205, 234



113, 106, 117



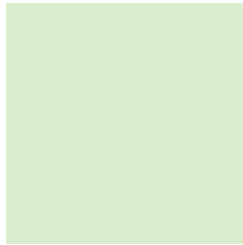
107, 0, 181



32, 0, 54

Previews

White Background



This preview shows how the RYB color 205, 237, 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 205, 237, 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

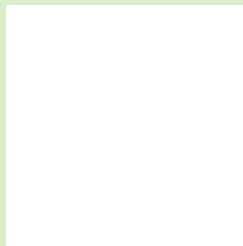
Any Text WCAG AAA ✓ Pass

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

RYB 205, 237, 224 Background



This preview shows how black text looks on a background with the RYB color 205, 237, 224.



This preview shows how white text looks on a background with the RYB color 205, 237, 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

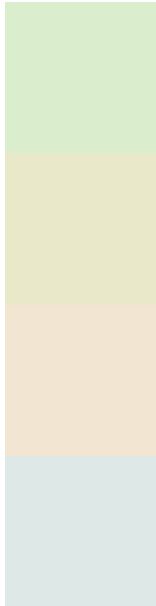




Tritanopia

225, 230, 249

Trichromacy



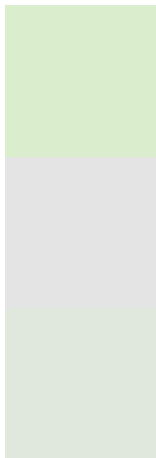
Original Color
205, 237, 224

Protanomaly
202, 233, 202

Deuteranomaly
232, 242, 210

Tritanomaly
222, 228, 233

Monochromacy



Original Color
205, 237, 224

Achromatopsia
228, 228, 228

Achromatomaly
220, 231, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 237, 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(218, 237, 205)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 205)  
}
```

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(218, 237, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 205) }
```

Border

The CSS property to change the border of an element to RYB 205, 237, 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(218, 237, 205) }
```

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

```
.border{ border-color:rgb(218, 237, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 237, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 237, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 237, 205);  
box-shadow:4px 4px 4px 4px rgb(218, 237,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 205, 237, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 205) }
```

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

```
.background{ background-color: rgb(218,  
237, 205) }
```

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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