

Converting Colors

`RYB(189, 214, 249)`

Have a look what the booklet for RYB(189, 214, 249) contains.

RYB(189, 214, 249)	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(189, 214, 249)

Conversions

Conversions Part 1

Format	Color
Hex	BDE8F9
RGB	189, 232, 249
RGB Percent	74%, 91%, 98%
CMY	0.2588, 0.0908, 0.0235
CMYK	0.24, 0.07, 0.00, 0.02
HSL	197°, 83%, 86%
HSV	197°, 24%, 98%
XYZ	66.9016, 75.2912, 100.6291
YIQ	221.0810, -31.0850, -3.8290

Conversions

Conversions Part 2

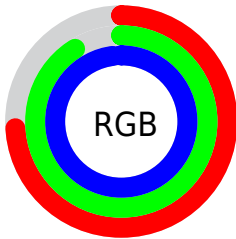
Format	Color
R_{YB}	189, 214, 249
Decimal	12445945
CIE _{Lab}	89.53, -10.10, -12.87
CIE _{LCh}	90, 16.355, 231.876
Yxy	75.2912, 0.2755, 0.3101
Android (android.graphics.Color)	4290636025 (0xFFBDE8F9)
YUV	221.0810, 13.7641, -28.1350
Hunter-Lab	86.7705, -14.2218, -8.0202

Details

The RYB color **189, 214, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **249, 213, 189**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **246, 251, 255**, and **134, 159, 193** is the 20% darker color. If you saturate the color by 10%, you get **164, 200, 249**, and if you desaturate by 10%, it is **214, 229, 249**.

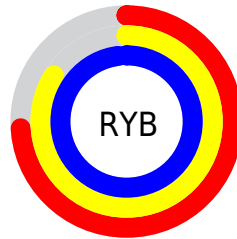
Distribution



Red (74%)

Green (91%)

Blue (98%)



Red (74%)

Yellow (84%)

Blue (98%)

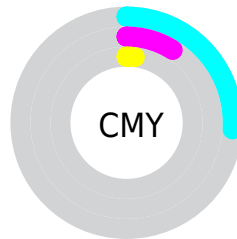


Cyan (24%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 214, 249 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 189, 214, 249 by changing the saturation by 10% instead.

■ 189, 214, 249

255, 255, 255

■ 246, 251, 255

■ 189, 214, 249

■ 161, 186, 220

■ 134, 159, 193

■ 108, 132, 165

■ 83, 107, 139

■ 57, 81, 114

■ 32, 57, 89

■ 1, 30, 66

■ 0, 18, 44

■ 0, 1, 24

■ 189, 214, 249

■ 189, 214, 249

■ 164, 200, 249

■ 214, 229, 249

■ 139, 185, 249

■ 239, 243, 249

■ 114, 170, 249

■ 252, 255, 249

■ 89, 156, 249

■ 249, 255, 249

■ 65, 142, 249

■ 40, 127, 249

■ 15, 112, 249

■ 0, 104, 249

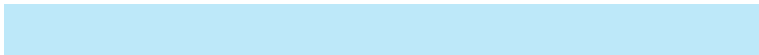
Harmonies

Analogous

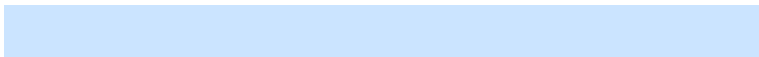
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185, 210, 236



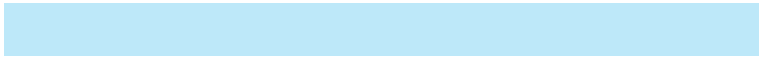
189, 214, 249



203, 220, 255

Triad

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



189, 214, 249



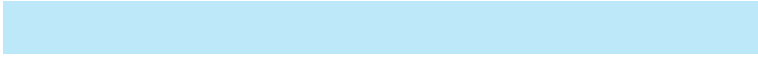
254, 215, 230



196, 228, 199

Complementary

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



189, 214, 249



249, 213, 189

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.



228, 242, 194



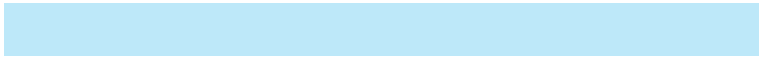
189, 214, 249



255, 215, 214

Square

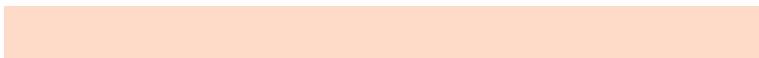
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189, 214, 249



241, 218, 244



254, 226, 201



205, 232, 230

Rectangle

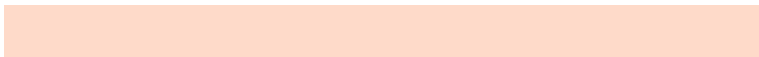
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



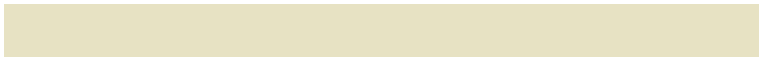
189, 214, 249



216, 223, 255



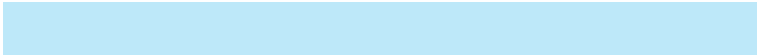
254, 226, 201



201, 231, 195

Sweetspot

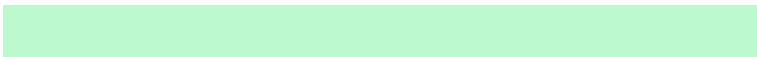
The Sweet Spot groups the original color and five complimentary colors.



189, 214, 249



237, 245, 255



189, 236, 249



117, 122, 128



0, 0, 0



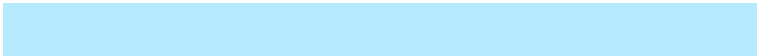
128, 128, 128

Same Dimension

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



189, 214, 249



181, 212, 255



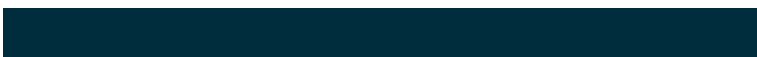
189, 200, 249



112, 117, 125



0, 79, 189



0, 26, 61

Inverse Universe

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



249, 189, 232



255, 181, 234



206, 249, 189



125, 112, 121



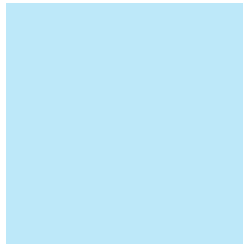
189, 0, 135



61, 0, 44

Previews

White Background



This preview shows how the RYB color 189, 214, 249 looks on a white background.

Color Contrast Check

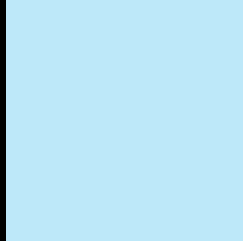
Large Text (above 18pt) WCAG AA × Fail

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 189, 214, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

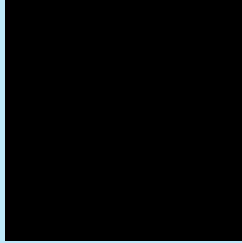
Any Text WCAG AA ✓ Pass

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](#).

R Y B 189, 214, 249 Background



This preview shows how black text looks on a background with the R Y B color 189, 214, 249.



This preview shows how white text looks on a background with the R Y B color 189, 214, 249.

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
189, 214, 250

Trichromacy



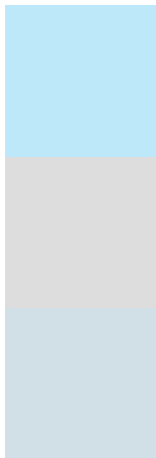
Original Color
189, 214, 249

Protanomaly
211, 221, 245

Deuteranomaly
218, 223, 251

Tritanomaly
189, 214, 250

Monochromacy



Original Color
189, 214, 249

Achromatopsia
221, 221, 221

Achromatomaly
209, 218, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 214, 249 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(189, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 249)  
}
```

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(189, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 249) }
```

Border

The CSS property to change the border of an element to RYB 189, 214, 249 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(189, 232, 249) }
```

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

```
.border{ border-color:rgb(189, 232, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 232, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 249);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 189, 214, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 249) }
```

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

```
.background{ background-color: rgb(189,  
232, 249) }
```

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