Converting Colors

RYB(190, 214, 249)

Have a look what the booklet for RYB(190, 214, 249) contains.

Color

RYB(190, 214, 249)

Conversions

Conversions Part 1

Format	Color
Hex	BEE6F9
RGB	190, 230, 249
RGB Percent	75%, 90%, 98%
CMY	0.2549, 0.0962, 0.0235
CMYK	0.24, 0.07, 0.00, 0.02
HSL	199°, 83%, 86%
HSV	199°, 24%, 98%
XYZ	66.7583, 74.6351, 100.5100
YIQ	220.2060, -29.9390, -2.5710

Conversions

Conversions Part 2

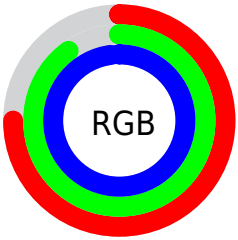
Format	Color
RYB	190, 214, 249
Decimal	12510969
CIELab	89.22, -9.09, -13.32
CIELCh	89, 16.125, 235.689
Yxy	74.6351, 0.2760, 0.3085
Android (android.graphics.Color)	4290701049 (0xFFBEE6F9)
YUV	220.2060, 14.1954, -26.4907
Hunter-Lab	86.3916, -13.2512, -8.5052

Details

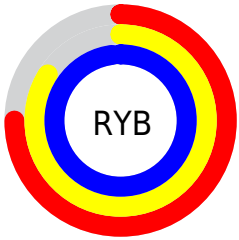
The RYB color 190, 214, 249 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 249, 218, 190, and the grayscale version is 220, 220, 220.

A 20% lighter version of the original color is 247, 251, 255, and 135, 159, 193 is the 20% darker color. If you saturate the color by 10%, you get 165, 199, 249, and if you desaturate by 10%, it is 215, 229, 249.

Distribution

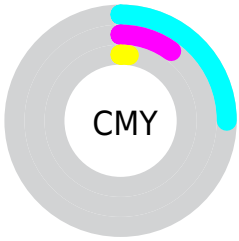


- Red (75%)
- Green (90%)
- Blue (98%)



- Red (75%)
- Yellow (84%)
- Blue (98%)

- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 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 190, 214, 249 by changing the saturation by 10% instead.

190, 214, 249

255, 255, 255

247, 251, 255

190, 214, 249

162, 186, 220

135, 159, 193

109, 132, 165

84, 106, 139

59, 82, 114

33, 57, 89

4, 31, 66

0, 18, 44

0, 1, 24

190, 214, 249

165, 199, 249

140, 184, 249

115, 170, 249

90, 155, 249

65, 140, 249

41, 126, 249

16, 111, 249

0, 101, 249

190, 214, 249

215, 229, 249

240, 244, 249

250, 255, 249

249, 255, 249

Harmonies

Analogous

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

185, 210, 237

190, 214, 249

205, 220, 254

Triad

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

190, 214, 249

254, 214, 227

196, 227, 201

Complementary

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

190, 214, 249

249, 218, 190

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.

221, 239, 194

190, 214, 249

255, 214, 211

Square

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

190, 214, 249

242, 216, 242

252, 226, 199

205, 230, 231

Rectangle

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

190, 214, 249

218, 222, 254

252, 226, 199

197, 228, 195

Sweetspot

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

190, 214, 249

237, 244, 255

190, 235, 249

117, 121, 128

0, 0, 0

128, 128, 128

Same Dimension

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

190, 214, 249

184, 213, 255

190, 200, 249

112, 117, 125

0, 77, 189

0, 25, 61

Inverse Universe

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

249, 190, 230

255, 184, 233

205, 249, 190

125, 112, 121

189, 0, 129

61, 0, 42

Previews

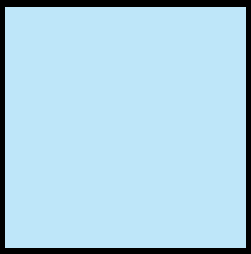
White Background

This preview shows how the RYB color 190, 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



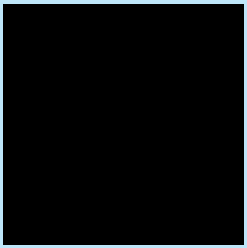
This preview shows how the RYB color 190, 214, 249 looks on a black background.

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.

RYB 190, 214, 249 Background



This preview shows how black text looks on a background with the RYB color 190, 214, 249.

This preview shows how white text looks on a background with the RYB color 190, 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

Original Color
190, 214, 249

Protanopia
222, 222, 244

Deuteranopia
232, 218, 252

Tritanopia
190, 214, 249

Trichromacy

Original Color
190, 214, 249

Protanomaly
210, 221, 246

Deuteranomaly
217, 222, 251

Tritanomaly
190, 214, 249

Monochromacy

Original Color
190, 214, 249

Achromatopsia
220, 220, 220

Achromatomaly
209, 218, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 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(190, 230, 249) looks like.

```
.text, #text, p{
    color:rgb(190, 230, 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(190, 230, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 230, 249) }
```

Border

The CSS property to change the border of an element to RYB 190, 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(190, 230, 249) }
```

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

```
.border{ border-color:rgb(190, 230, 249) }
```

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

Here you see how a box with a 4 pixel rgb(190, 230, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 230, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 230, 249); box-shadow:4px 4px 4px 4px rgb(190, 230, 249) }
```

Background

The CSS property to change the background color of an element to RYB 190, 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(190, 230, 249) }
```

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

```
.background{ background-color:rgb(190,
230, 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.

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