Converting Colors

RYB(175, 210, 248)

Have a look what the booklet for RYB(175, 210, 248) contains.

Color

RYB(175, 210, 248)

Conversions

Conversions Part 1

Format	Color
Hex	AFF2F8
RGB	175, 242, 248
RGB Percent	69%, 95%, 97%
CMY	0.3137, 0.0501, 0.0275
CMYK	0.29, 0.02, 0.00, 0.03
HSL	185°, 84%, 83%
HSV	185°, 29%, 97%
XYZ	66.4451, 79.5366, 100.6570
YIQ	222.6510, -41.8580, -12.3380

Conversions

Conversions Part 2

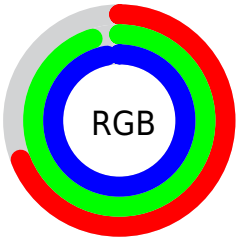
Format	Color
RYB	175, 210, 248
Decimal	11531000
CIELab	91.48, -19.50, -9.53
CIELCh	91, 21.706, 206.033
Yxy	79.5366, 0.2694, 0.3225
Android (android.graphics.Color)	4289721080 (0xFFAFF2F8)
YUV	222.6510, 12.4971, -41.7899
Hunter-Lab	89.1833, -23.0811, -4.4895

Details

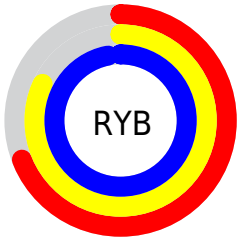
The RYB color 175, 210, 248 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 248, 182, 175, and the grayscale version is 223, 223, 223.

A 20% lighter version of the original color is 232, 244, 255, and 120, 154, 192 is the 20% darker color. If you saturate the color by 10%, you get 150, 197, 248, and if you desaturate by 10%, it is 200, 223, 248.

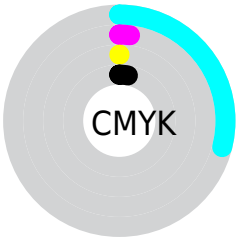
Distribution



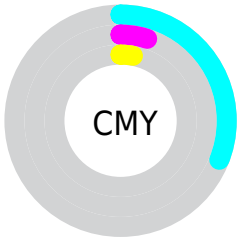
- Red (69%)
- Green (95%)
- Blue (97%)



- Red (69%)
- Yellow (82%)
- Blue (97%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (31%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 210, 248 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 175, 210, 248 by changing the saturation by 10% instead.

175, 210, 248

255, 255, 255

232, 244, 255

175, 210, 248

147, 182, 219

120, 154, 192

93, 127, 165

66, 101, 138

38, 74, 113

0, 43, 88

0, 31, 65

0, 20, 43

0, 7, 23

175, 210, 248	175, 210, 248
150, 197, 248	200, 223, 248
125, 184, 248	225, 236, 248
101, 171, 248	249, 248, 248
76, 158, 248	255, 251, 248
51, 145, 248	253, 255, 248
26, 132, 248	249, 255, 248
1, 120, 248	248, 255, 248
0, 119, 248	

Harmonies

Analogous

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

184, 218, 243

175, 210, 248

182, 214, 255

Triad

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

175, 210, 248

255, 220, 254

223, 250, 189

Complementary

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

175, 210, 248

248, 182, 175

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, 241, 197

175, 210, 248

255, 216, 234

Square

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

175, 210, 248

231, 226, 255

255, 217, 213

193, 235, 201

Rectangle

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

175, 210, 248

195, 219, 255

255, 217, 213

244, 255, 191

Sweetspot

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

175, 210, 248

232, 243, 255

175, 243, 248

113, 120, 128

0, 0, 0

128, 128, 128

Same Dimension

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

175, 210, 248

166, 209, 255

175, 197, 248

112, 118, 125

0, 91, 189

0, 29, 61

Inverse Universe

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

248, 175, 242

255, 166, 248

232, 248, 175

125, 112, 124

189, 0, 174

61, 0, 56

Previews

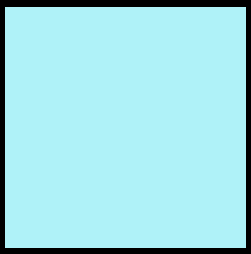
White Background

This preview shows how the RYB color 175, 210, 248 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



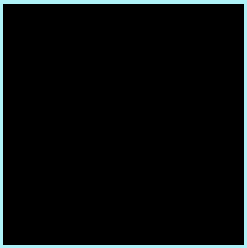
This preview shows how the RYB color 175, 210, 248 looks on a black background.

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 175, 210, 248 Background



This preview shows how black text looks on a background with the RYB color 175, 210, 248.

This preview shows how white text looks on a background with the RYB color 175, 210, 248.

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
175, 210, 248

Protanopia
231, 228, 240

Deuteranopia
242, 223, 252

Tritanopia
188, 217, 255

Trichromacy

Original Color
175, 210, 248

Protanomaly
211, 224, 243

Deuteranomaly
218, 227, 251

Tritanomaly
183, 214, 252

Monochromacy

Original Color
175, 210, 248

Achromatopsia
223, 223, 223

Achromatomaly
206, 218, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 210, 248 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(175, 242, 248) looks like.

```
.text, #text, p{
    color:rgb(175, 242, 248)
}
```

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(175, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 242, 248) }
```

Border

The CSS property to change the border of an element to RYB 175, 210, 248 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(175, 242, 248) }
```

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

```
.border{ border-color:rgb(175, 242, 248) }
```

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

Here you see how a box with a 4 pixel rgb(175, 242, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 242, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 242, 248); box-shadow:4px 4px 4px 4px rgb(175, 242, 248) }
```

Background

The CSS property to change the background color of an element to RYB 175, 210, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(175, 242, 248) }
```

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

```
.background{ background-color:rgb(175,
242, 248) }
```

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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