Converting Colors

RYB(130, 184, 243)

Have a look what the booklet for RYB(130, 184, 243) contains.

Color

RYB(130, 184, 243)

Conversions

Conversions Part 1

Format	Color
Hex	82E9F3
RGB	130, 233, 243
RGB Percent	51%, 91%, 95%
CMY	0.4902, 0.0846, 0.0471
CMYK	0.47, 0.04, 0.00, 0.05
HSL	185°, 82%, 73%
HSV	185°, 47%, 95%
XYZ	54.6426, 69.7349, 95.3742
YIQ	203.3430, -64.5980, -18.7260

Conversions

Conversions Part 2

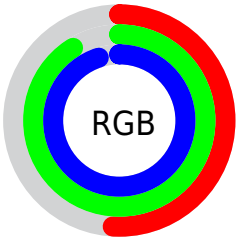
Format	Color
RYB	130, 184, 243
Decimal	8579571
CIELab	86.87, -27.64, -14.00
CIELCh	87, 30.985, 206.871
Yxy	69.7349, 0.2487, 0.3173
Android (android.graphics.Color)	4286769651 (0xFF82E9F3)
YUV	203.3430, 19.5509, -64.3218
Hunter-Lab	83.5074, -29.3376, -9.2602

Details

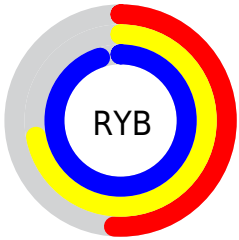
The RYB color 130, 184, 243 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 243, 141, 130, and the grayscale version is 203, 203, 203.

A 20% lighter version of the original color is 189, 222, 255, and 69, 125, 187 is the 20% darker color. If you saturate the color by 10%, you get 106, 171, 243, and if you desaturate by 10%, it is 154, 196, 243.

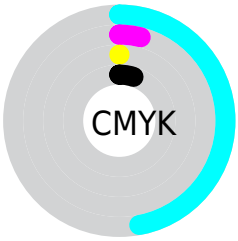
Distribution



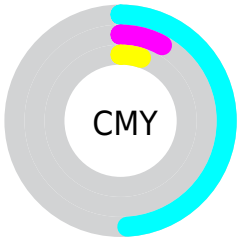
- Red (51%)
- Green (91%)
- Blue (95%)



- Red (51%)
- Yellow (72%)
- Blue (95%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 184, 243 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 130, 184, 243 by changing the saturation by 10% instead.

130, 184, 243

255, 255, 255

189, 222, 255

219, 237, 255

249, 252, 255

130, 184, 243

100, 155, 215

69, 125, 187

30, 92, 160

0, 64, 134

0, 52, 108

0, 40, 84

0, 28, 61

0, 18, 39

0, 1, 19

130, 184, 243

106, 171, 243

81, 158, 243

57, 146, 243

33, 133, 243

9, 121, 243

0, 116, 243

130, 184, 243

154, 196, 243

179, 210, 243

203, 222, 243

227, 235, 243

251, 244, 243

255, 247, 243

255, 252, 243

252, 255, 243

247, 255, 243

Harmonies

Analogous

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

146, 196, 234

130, 184, 243

142, 191, 255

Triad

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

130, 184, 243

252, 202, 250

199, 242, 159

Complementary

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

130, 184, 243

243, 141, 130

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, 231, 169

130, 184, 243

255, 196, 222

Square

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

130, 184, 243

218, 211, 255

255, 199, 192

165, 224, 178

Rectangle

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

130, 184, 243

163, 200, 255

255, 199, 192

233, 251, 161

Sweetspot

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

130, 184, 243

219, 236, 255

130, 235, 243

106, 116, 128

0, 0, 0

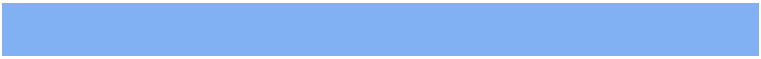
128, 128, 128

Same Dimension

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

130, 184, 243

112, 180, 255



130, 163, 243

110, 116, 122

0, 89, 186

0, 28, 59

Inverse Universe

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

243, 130, 233

255, 112, 243

210, 243, 130

122, 110, 121

186, 0, 170

59, 0, 54

Previews

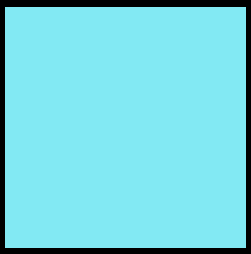
White Background

This preview shows how the RYB color 130, 184, 243 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



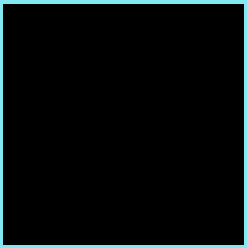
This preview shows how the RYB color 130, 184, 243 looks on a black background.

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 130, 184, 243 Background



This preview shows how black text looks on a background with the RYB color 130, 184, 243.

This preview shows how white text looks on a background with the RYB color 130, 184, 243.

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
130, 184, 243

Protanopia
216, 215, 231

Deuteranopia
222, 211, 248

Tritanopia
132, 186, 251

Trichromacy

Original Color
130, 184, 243

Protanomaly
185, 206, 235

Deuteranomaly
189, 209, 246

Tritanomaly
131, 185, 248

Monochromacy

Original Color
130, 184, 243

Achromatopsia
204, 204, 204

Achromatomaly
177, 197, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 184, 243 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(130, 233, 243) looks like.

```
.text, #text, p{
    color:rgb(130, 233, 243)
}
```

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(130, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 233, 243) }
```

Border

The CSS property to change the border of an element to RYB 130, 184, 243 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(130, 233, 243) }
```

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

```
.border{ border-color:rgb(130, 233, 243) }
```

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

Here you see how a box with a 4 pixel rgb(130, 233, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 233, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 233, 243); box-shadow:4px 4px 4px 4px rgb(130, 233, 243) }
```

Background

The CSS property to change the background color of an element to RYB 130, 184, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(130, 233, 243) }
```

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

```
.background{ background-color:rgb(130,
233, 243) }
```

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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