Converting Colors

RYB(209, 227, 248)

Have a look what the booklet for RYB(209, 227, 248) contains.

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Color

RYB(209, 227, 248)

Conversions

Conversions Part 1

Format	Color
Hex	D1F2F8
RGB	209, 242, 248
RGB Percent	82%, 95%, 97%
CMY	0.1804, 0.0493, 0.0275
CMYK	0.16, 0.02, 0.00, 0.03
HSL	189°, 74%, 90%
HSV	189°, 16%, 97%
XYZ	75.1176, 84.0923, 101.0793
YIQ	232.8170, -21.5940, -5.1300

Conversions

Conversions Part 2

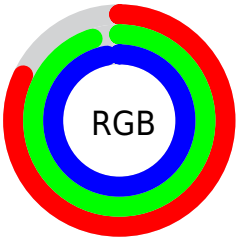
Format	Color
RYB	209, 227, 248
Decimal	13759224
CIELab	93.49, -9.66, -6.33
CIELCh	93, 11.549, 213.212
Yxy	84.0923, 0.2886, 0.3231
Android (android.graphics.Color)	4291949304 (0xFFD1F2F8)
YUV	232.8170, 7.4852, -20.8875
Hunter-Lab	91.7019, -14.2599, -1.1617

Details

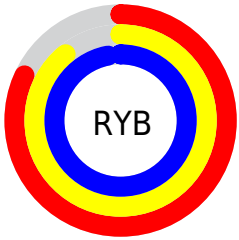
The RYB color 209, 227, 248 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 248, 216, 209, and the grayscale version is 233, 233, 233.

A 20% lighter version of the original color is 255, 255, 255, and 154, 171, 192 is the 20% darker color. If you saturate the color by 10%, you get 184, 214, 248, and if you desaturate by 10%, it is 234, 240, 248.

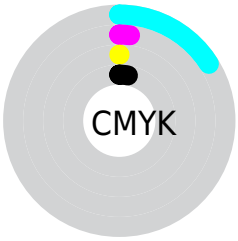
Distribution



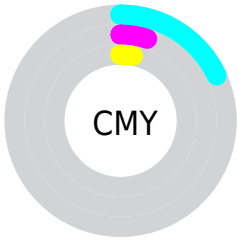
- Red (82%)
- Green (95%)
- Blue (97%)



- Red (82%)
- Yellow (89%)
- Blue (97%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 227, 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 209, 227, 248 by changing the saturation by 10% instead.

209, 227, 248

255, 255, 255

209, 227, 248

181, 199, 219

154, 171, 192

128, 145, 165

102, 119, 138

78, 94, 113

54, 70, 88

31, 47, 65

7, 24, 43

0, 10, 23

209, 227, 248

184, 214, 248

159, 200, 248

135, 187, 248

110, 174, 248

85, 160, 248

60, 147, 248

35, 133, 248

11, 120, 248

0, 115, 248

209, 227, 248

234, 240, 248

255, 251, 248

251, 255, 248

248, 255, 248

Harmonies

Analogous

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

211, 229, 243

209, 227, 248

215, 230, 255

Triad

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

209, 227, 248

252, 230, 247

227, 245, 214

Complementary

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

209, 227, 248

248, 216, 209

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, 242, 217

209, 227, 248

255, 229, 235

Square

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

209, 227, 248

240, 233, 255

255, 231, 225

218, 239, 225

Rectangle

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

209, 227, 248

222, 233, 255

255, 231, 225

235, 248, 214

Sweetspot

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

209, 227, 248

242, 248, 255

209, 244, 248

120, 123, 128

0, 0, 0

128, 128, 128

Same Dimension

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

209, 227, 248

207, 229, 255

209, 219, 248

112, 118, 125

0, 87, 189

0, 28, 61

Inverse Universe

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

248, 209, 242

255, 207, 248

231, 248, 209

125, 112, 123

189, 0, 162

61, 0, 52

Previews

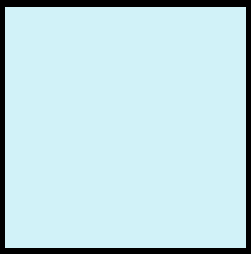
White Background

This preview shows how the RYB color 209, 227, 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



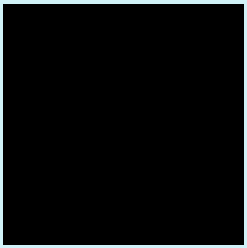
This preview shows how the RYB color 209, 227, 248 looks on a black background.

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 209, 227, 248 Background



This preview shows how black text looks on a background with the RYB color 209, 227, 248.

This preview shows how white text looks on a background with the RYB color 209, 227, 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
209, 227, 248

Protanopia
238, 235, 243

Deuteranopia
252, 229, 251

Tritanopia
217, 231, 255

Trichromacy

Original Color
209, 227, 248

Protanomaly
227, 234, 245

Deuteranomaly
236, 234, 250

Tritanomaly
214, 230, 252

Monochromacy

Original Color
209, 227, 248

Achromatopsia
233, 233, 233

Achromatomaly
224, 230, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 227, 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(209, 242, 248) looks like.

```
.text, #text, p{
    color:rgb(209, 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(209, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 242, 248) }
```

Border

The CSS property to change the border of an element to RYB 209, 227, 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(209, 242, 248) }
```

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

```
.border{ border-color:rgb(209, 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(209, 242, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 242, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 242, 248); box-shadow:4px 4px 4px 4px rgb(209, 242, 248) }
```

Background

The CSS property to change the background color of an element to RYB 209, 227, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(209, 242, 248) }
```

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

```
.background{ background-color:rgb(209,
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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