Converting Colors

RGB(209, 255, 240)

Have a look what the booklet for RGB(209, 255, 240) contains.

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Color

RGB(209, 255, 240)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFF0
RGB	209, 255, 240
RGB Percent	82%, 100%, 94%
CMY	0.1804, 0.0000, 0.0588
CMYK	0.18, 0.00, 0.06, 0.00
HSL	160°, 100%, 91%
HSV	160°, 18%, 100%
XYZ	77.7827, 91.3666, 95.9740
YIQ	239.5360, -22.6010, -14.4170

Conversions

Conversions Part 2

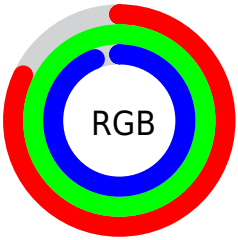
Format	Color
RYB	209, 236, 255
Decimal	13762544
CIELab	96.56, -17.49, 2.31
CIELCh	97, 17.645, 172.481
Yxy	91.3666, 0.2934, 0.3446
Android (android.graphics.Color)	4291952624 (0xFFD1FFF0)
YUV	239.5360, 0.2288, -26.7801
Hunter-Lab	95.5859, -22.0215, 7.3794

Details

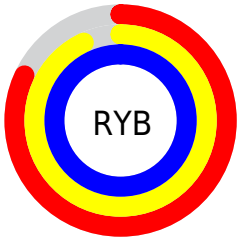
The RGB color 209, 255, 240 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 255, 209, 224, and the grayscale version is 240, 240, 240.

A 20% lighter version of the original color is 255, 255, 255, and 154, 198, 184 is the 20% darker color. If you saturate the color by 10%, you get 183, 255, 232, and if you desaturate by 10%, it is 235, 255, 248.

Distribution

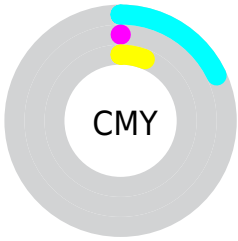


- Red (82%)
- Green (100%)
- Blue (94%)



- Red (82%)
- Yellow (93%)
- Blue (100%)

- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 255, 240 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 RGB color 209, 255, 240 by changing the saturation by 10% instead.

209, 255, 240

255, 255, 255

209, 255, 240

181, 226, 212

154, 198, 184

128, 171, 157

102, 144, 131

77, 118, 106

53, 94, 82

29, 70, 59

4, 47, 37

0, 28, 16

209, 255, 240

183, 255, 232

158, 255, 223

132, 255, 215

107, 255, 207

82, 255, 198

56, 255, 190

30, 255, 182

5, 255, 173

0, 255, 172

209, 255, 240

235, 255, 248

255, 255, 255

Harmonies

Analogous

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

225, 253, 224

209, 255, 240

201, 255, 255

Triad

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

209, 255, 240

243, 242, 255

255, 237, 219

Complementary

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

209, 255, 240

255, 209, 224

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, 234, 233

209, 255, 240

255, 237, 255

Square

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

209, 255, 240

222, 248, 255

255, 234, 250

255, 242, 211

Rectangle

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

209, 255, 240

203, 254, 255

255, 234, 250

255, 236, 223

Sweetspot

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

209, 255, 240

242, 255, 251

224, 255, 209

120, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

209, 255, 240

199, 255, 237

209, 247, 255

115, 128, 123

0, 191, 129

0, 64, 43

Inverse Universe

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

255, 209, 224

255, 199, 217

255, 217, 209

128, 115, 119

191, 0, 62

64, 0, 21

Previews

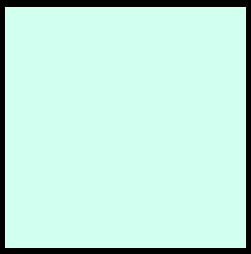
White Background

This preview shows how the RGB color 209, 255, 240 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



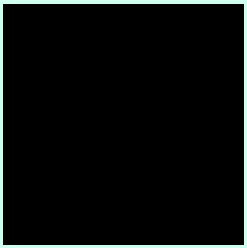
This preview shows how the RGB color 209, 255, 240 looks on a black background.

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.

RGB 209, 255, 240 Background



This preview shows how black text looks on a background with the RGB color 209, 255, 240.

This preview shows how white text looks on a background with the RGB color 209, 255, 240.

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, 255, 240

Protanopia
251, 243, 234

Deuteranopia
255, 241, 244

Tritanopia
234, 247, 255

Trichromacy

Original Color
209, 255, 240

Protanomaly
236, 247, 236

Deuteranomaly
238, 246, 243

Tritanomaly
225, 250, 250

Monochromacy

Original Color
209, 255, 240

Achromatopsia
240, 240, 240

Achromatomaly
229, 245, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 255, 240 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, 255, 240) looks like.

```
.text, #text, p{
    color:rgb(209, 255, 240)
}
```

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, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 240) }
```

Border

The CSS property to change the border of an element to RGB 209, 255, 240 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, 255, 240) }
```

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

```
.border{ border-color:rgb(209, 255, 240) }
```

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

Here you see how a box with a 4 pixel rgb(209, 255, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 255, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 255, 240); box-shadow:4px 4px 4px 4px rgb(209, 255, 240) }
```

Background

The CSS property to change the background color of an element to RGB 209, 255, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(209, 255, 240) }
```

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

```
.background{ background-color:rgb(209,
255, 240) }
```

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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