

Converting Colors

`RYB(215, 240, 254)`

Have a look what the booklet for
RYB(215, 240, 254) contains.

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Color

R_YB(215, 240, 254)

Conversions

Conversions Part 1

Format	Color
Hex	D7FEED
RGB	215, 254, 237
RGB Percent	84%, 100%, 93%
CMY	0.1569, 0.0039, 0.0712
CMYK	0.15, 0.00, 0.07, 0.00
HSL	154°, 95%, 92%
HSV	154°, 15%, 100%
XYZ	78.7288, 91.4358, 93.4977
YIQ	240.4010, -17.7870, -13.5550

Conversions

Conversions Part 2

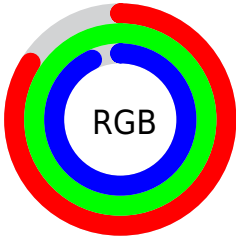
Format	Color
R _Y B	215, 240, 254
Decimal	14155501
CIE Lab	96.59, -15.73, 4.02
CIE LCh	97, 16.233, 165.656
Yxy	91.4358, 0.2986, 0.3468
Android (android.graphics.Color)	4292345581 (0xFFD7FEED)
YUV	240.4010, -1.6767, -22.2767
Hunter-Lab	95.6221, -20.3736, 8.9626

Details

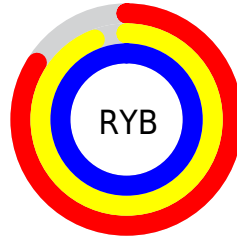
The RYB color **215, 240, 254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **254, 215, 232**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **160, 184, 197** is the 20% darker color. If you saturate the color by 10%, you get **190, 231, 254**, and if you desaturate by 10%, it is **240, 249, 254**.

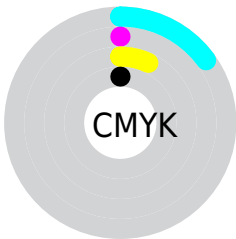
Distribution



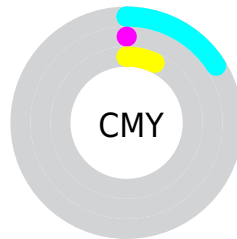
- Red (84%)
- Green (100%)
- Blue (93%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 240, 254 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 215, 240, 254 by changing the saturation by 10% instead.

■ 215, 240, 254

255, 255, 255

■ 215, 240, 254

■ 187, 211, 225

■ 160, 184, 197

■ 133, 157, 170

■ 108, 130, 143

■ 83, 105, 118

■ 59, 80, 93

■ 36, 57, 69

■ 13, 34, 47

■ 0, 18, 27

■ 215, 240, 254

■ 215, 240, 254

■ 190, 231, 254

■ 240, 249, 254

■ 164, 222, 254

255, 254, 255

■ 139, 213, 254

■ 113, 203, 254

■ 88, 194, 254

■ 63, 185, 254

■ 37, 176, 254

■ 12, 167, 254

■ 0, 163, 254

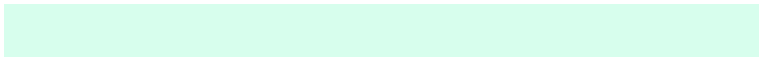
Harmonies

Analogous

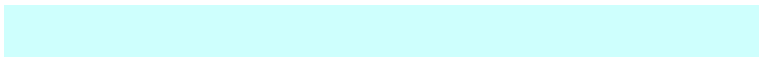
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 251, 243



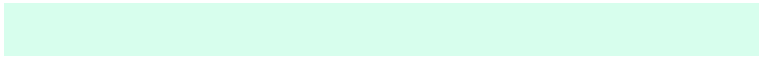
215, 240, 254



206, 231, 255

Triad

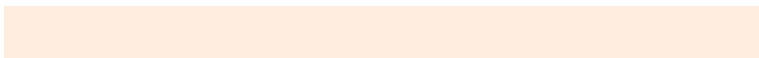
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 240, 254



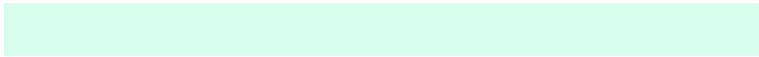
239, 243, 255



255, 248, 223

Complementary

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



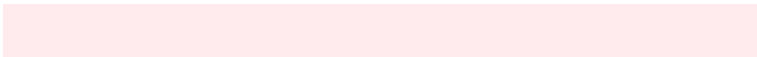
215, 240, 254



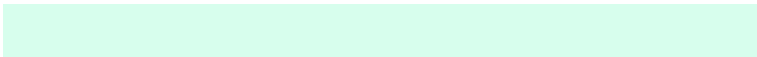
254, 215, 232

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, 235, 237



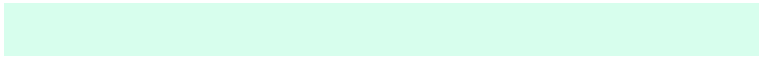
215, 240, 254



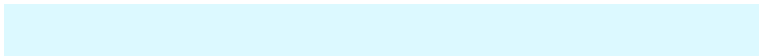
255, 239, 255

Square

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



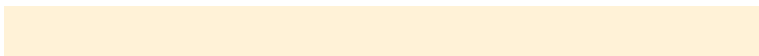
215, 240, 254



220, 236, 255



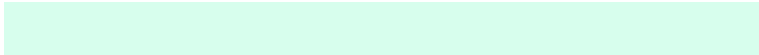
255, 235, 253



234, 255, 215

Rectangle

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



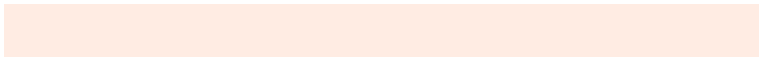
215, 240, 254



206, 230, 255



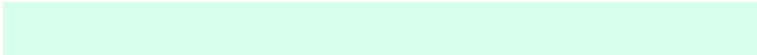
255, 235, 253



255, 240, 227

Sweetspot

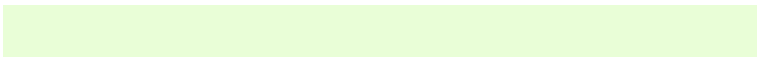
The Sweet Spot groups the original color and five complimentary colors.



215, 240, 254



242, 250, 255



215, 254, 236



120, 125, 128



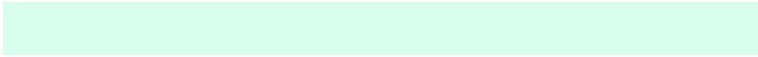
0, 0, 0



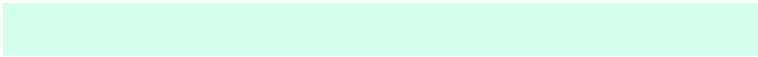
128, 128, 128

Same Dimension

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



215, 240, 254



209, 238, 255



215, 234, 254



115, 123, 128



0, 122, 191



0, 41, 64

Inverse Universe

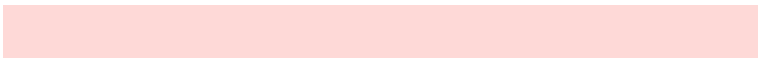
The Inverse Universe completely reimagines the original color for something new.



254, 215, 232



255, 209, 229



254, 217, 215



128, 115, 120



191, 0, 84



64, 0, 28

Previews

White Background



This preview shows how the RYB color 215, 240, 254 looks on a white background.

Color Contrast Check

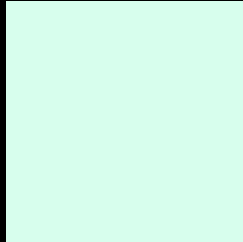
Large Text (above 18pt) WCAG AA × Fail

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 215, 240, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

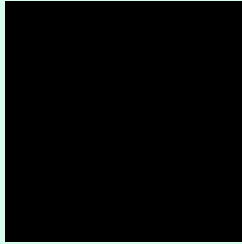
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

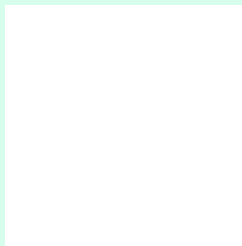
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 215, 240, 254 Background



This preview shows how black text looks on a background with the RYB color 215, 240, 254.



This preview shows how white text looks on a background with the RYB color 215, 240, 254.

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 215, 240, 254
	Protanopia 244, 252, 231
	Deuteranopia 255, 242, 243



Tritanopia

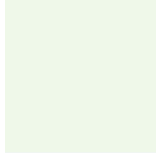
235, 243, 255

Trichromacy



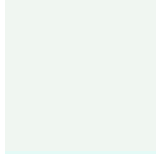
Original Color

215, 240, 254



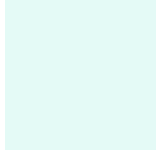
Protanomaly

233, 248, 242



Deuteranomaly

240, 245, 246



Tritanomaly

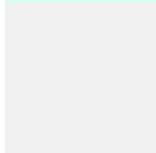
228, 240, 250

Monochromacy



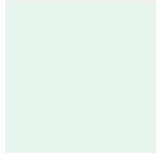
Original Color

215, 240, 254



Achromatopsia

240, 240, 240



Achromatomaly

231, 240, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 240, 254 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(215, 254, 237)` looks like.

```
.text, #text, p{  
    color:rgb(215, 254, 237)  
}
```

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(215, 254, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 254, 237) }
```

Border

The CSS property to change the border of an element to RYB 215, 240, 254 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(215, 254, 237) }
```

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

```
.border{ border-color:rgb(215, 254, 237) }
```

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

Here you see how a box with a 4 pixel rgb(215, 254, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 254, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 254, 237);  
box-shadow:4px 4px 4px 4px rgb(215, 254,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 215, 240, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 254, 237) }
```

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

```
.background{ background-color: rgb(215,  
254, 237) }
```

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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