Converting Colors

RGB(200, 245, 222)

Have a look what the booklet for RGB(200, 245, 222) contains.

Color

RGB(200, 245, 222)

Conversions

Conversions Part 1

Format	Color
Hex	C8F5DE
RGB	200, 245, 222
RGB Percent	78%, 96%, 87%
CMY	0.2157, 0.0392, 0.1294
CMYK	0.18, 0.00, 0.09, 0.04
HSL	149°, 69%, 87%
HSV	149°, 18%, 96%
XYZ	69.6566, 82.8581, 81.4292
YIQ	228.9230, -19.4370, -16.6930

Conversions

Conversions Part 2

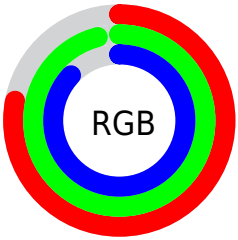
Format	Color
RYB	200, 230, 245
Decimal	13170142
CIELab	92.95, -18.83, 6.31
CIELCh	93, 19.857, 161.473
Yxy	82.8581, 0.2977, 0.3542
Android (android.graphics.Color)	4291360222 (0xFFC8F5DE)
YUV	228.9230, -3.4130, -25.3655
Hunter-Lab	91.0264, -22.7017, 10.6797

Details

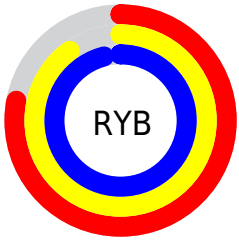
The RGB color 200, 245, 222 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 245, 200, 223, and the grayscale version is 229, 229, 229.

A 20% lighter version of the original color is 255, 255, 255, and 145, 189, 167 is the 20% darker color. If you saturate the color by 10%, you get 176, 245, 209, and if you desaturate by 10%, it is 224, 245, 235.

Distribution

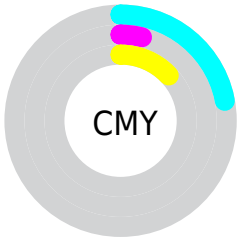


- Red (78%)
- Green (96%)
- Blue (87%)



- Red (78%)
- Yellow (90%)
- Blue (96%)

- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 245, 222 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 200, 245, 222 by changing the saturation by 10% instead.

200, 245, 222

255, 255, 255

200, 245, 222

172, 216, 194

145, 189, 167

119, 162, 141

94, 135, 115

69, 110, 90

46, 85, 67

22, 62, 45

0, 40, 24

0, 18, 0

200, 245, 222

176, 245, 209

151, 245, 197

127, 245, 184

102, 245, 172

78, 245, 159

53, 245, 147

28, 245, 134

4, 245, 122

0, 245, 120

200, 245, 222

224, 245, 235

249, 245, 247

255, 245, 255

Harmonies

Analogous

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

220, 241, 206

200, 245, 222

187, 246, 242

Triad

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

200, 245, 222

223, 234, 255

255, 224, 210

Complementary

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

200, 245, 222

245, 200, 223

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, 222, 228

200, 245, 222

247, 228, 255

Square

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

200, 245, 222

200, 240, 255

255, 223, 247

255, 229, 199

Rectangle

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

200, 245, 222

185, 245, 254

255, 223, 247

255, 223, 216

Sweetspot

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

200, 245, 222

240, 255, 247

223, 245, 200

119, 128, 123

0, 0, 0

128, 128, 128

Same Dimension

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

200, 245, 222

199, 255, 226

200, 245, 244

110, 122, 116

0, 186, 91

0, 59, 29

Inverse Universe

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

245, 200, 223

255, 199, 228

245, 200, 201

122, 110, 116

186, 0, 95

59, 0, 30

Previews

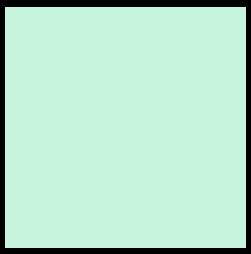
White Background

This preview shows how the RGB color 200, 245, 222 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



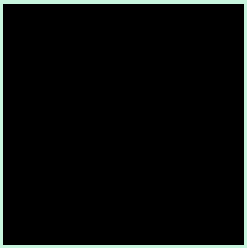
This preview shows how the RGB color 200, 245, 222 looks on a black background.

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 200, 245, 222 Background



This preview shows how black text looks on a background with the RGB color 200, 245, 222.

This preview shows how white text looks on a background with the RGB color 200, 245, 222.

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
200, 245, 222

Protanopia
243, 233, 216

Deuteranopia
255, 228, 228

Tritanopia
211, 239, 255

Trichromacy

Original Color
200, 245, 222

Protanomaly
227, 237, 218

Deuteranomaly
235, 234, 226

Tritanomaly
207, 241, 243

Monochromacy

Original Color
200, 245, 222

Achromatopsia
229, 229, 229

Achromatomaly
218, 235, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 245, 222 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(200, 245, 222) looks like.

```
.text, #text, p{
    color:rgb(200, 245, 222)
}
```

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(200, 245, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 245, 222) }
```

Border

The CSS property to change the border of an element to RGB 200, 245, 222 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(200, 245, 222) }
```

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

```
.border{ border-color:rgb(200, 245, 222) }
```

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

Here you see how a box with a 4 pixel rgb(200, 245, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 245, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 245, 222); box-shadow:4px 4px 4px 4px rgb(200, 245, 222) }
```

Background

The CSS property to change the background color of an element to RGB 200, 245, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(200, 245, 222) }
```

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

```
.background{ background-color:rgb(200,
245, 222) }
```

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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