Converting Colors

RGB(223, 236, 232)

Have a look what the booklet for RGB(223, 236, 232) contains.

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Color

RGB(223, 236, 232)

Conversions

Format	Color
Hex	DFECE8
RGB	223, 236, 232
RGB Percent	87%, 93%, 91%
CMY	0.1255, 0.0745, 0.0902
CMYK	0.06, 0.00, 0.02, 0.07
HSL	162°, 25%, 90%
HSV	162°, 6%, 93%
XYZ	74.9924, 81.5051, 88.1235
YIQ	231.6570, -6.4640, -4.0000

Conversions Part 1

Conversions

Conversions Part 2

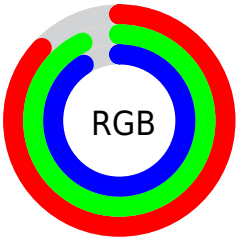
Format	Color
RYB	223, 231, 236
Decimal	14675176
CIELab	92.36, -5.03, 0.44
CIELCh	92, 5.048, 175.031
Yxy	81.5051, 0.3066, 0.3332
Android (android.graphics.Color)	4292865256 (0xFFDFECE8)
YUV	231.6570, 0.1691, -7.5922
Hunter-Lab	90.2802, -9.7170, 5.3225

Details

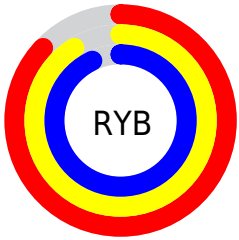
The RGB color 223, 236, 232 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 236, 223, 227, and the grayscale version is 232, 232, 232.

A 20% lighter version of the original color is 255, 255, 255, and 168, 180, 176 is the 20% darker color. If you saturate the color by 10%, you get 199, 236, 225, and if you desaturate by 10%, it is 247, 236, 239.

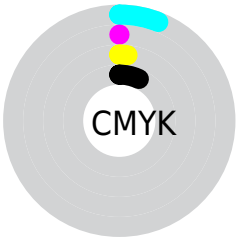
Distribution



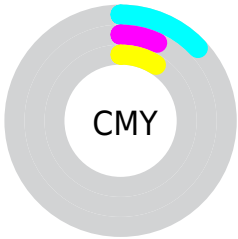
- Red (87%)
- Green (93%)
- Blue (91%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 236, 232 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 223, 236, 232 by changing the saturation by 10% instead.

223, 236, 232

255, 255, 255

223, 236, 232

195, 208, 204

168, 180, 176

141, 153, 150

116, 127, 124

91, 102, 99

68, 78, 75

45, 56, 53

25, 34, 31

0, 12, 7

223, 236, 232

199, 236, 225

176, 236, 217

152, 236, 210

129, 236, 203

105, 236, 196

81, 236, 188

58, 236, 181

34, 236, 174

11, 236, 167

223, 236, 232

247, 236, 239

255, 236, 247

255, 236, 254

255, 236, 255

Harmonies

Analogous

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

227, 235, 227

223, 236, 232

221, 236, 237

Triad

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

223, 236, 232

233, 232, 242

242, 231, 225

Complementary

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

223, 236, 232

236, 223, 227

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.

244, 230, 229

223, 236, 232

239, 231, 239

Square

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

223, 236, 232

227, 234, 243

243, 230, 234

238, 232, 223

Rectangle

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

223, 236, 232

222, 235, 240

243, 230, 234

243, 231, 226

Sweetspot

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

223, 236, 232

250, 255, 253

227, 236, 223

125, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

223, 236, 232

237, 255, 250

223, 234, 236

108, 117, 114

0, 181, 125

0, 54, 37

Inverse Universe

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

236, 223, 227

255, 237, 243

236, 225, 223

117, 108, 111

181, 0, 56

54, 0, 16

Previews

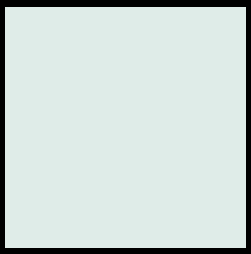
White Background

This preview shows how the RGB color 223, 236, 232 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



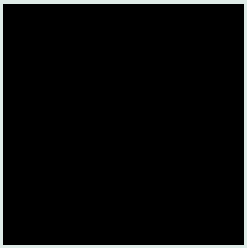
This preview shows how the RGB color 223, 236, 232 looks on a black background.

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 223, 236, 232 Background



This preview shows how black text looks on a background with the RGB color 223, 236, 232.

This preview shows how white text looks on a background with the RGB color 223, 236, 232.

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
223, 236, 232

Protanopia
238, 232, 230

Deuteranopia
255, 225, 234

Tritanopia
226, 233, 251

Trichromacy

Original Color
223, 236, 232

Protanomaly
233, 233, 231

Deuteranomaly
243, 229, 233

Tritanomaly
225, 234, 244

Monochromacy

Original Color
223, 236, 232

Achromatopsia
232, 232, 232

Achromatomaly
229, 233, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 236, 232 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(223, 236, 232) looks like.

```
.text, #text, p{
    color:rgb(223, 236, 232)
}
```

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(223, 236, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 232) }
```

Border

The CSS property to change the border of an element to RGB 223, 236, 232 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(223, 236, 232) }
```

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

```
.border{ border-color:rgb(223, 236, 232) }
```

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

Here you see how a box with a 4 pixel rgb(223, 236, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 236, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 236, 232); box-shadow:4px 4px 4px 4px rgb(223, 236, 232) }
```

Background

The CSS property to change the background color of an element to RGB 223, 236, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(223, 236, 232) }
```

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

```
.background{ background-color:rgb(223,
236, 232) }
```

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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