Converting Colors

RGB(222, 253, 241)

Have a look what the booklet for RGB(222, 253, 241) contains.

Color

RGB(222, 253, 241)

Conversions

Conversions Part 1

Format	Color
Hex	DEFDF1
RGB	222, 253, 241
RGB Percent	87%, 99%, 95%
CMY	0.1294, 0.0078, 0.0549
CMYK	0.12, 0.00, 0.05, 0.01
HSL	157°, 89%, 93%
HSV	157°, 12%, 99%
XYZ	81.1267, 92.1310, 96.7263
YIQ	242.3630, -14.6240, -10.3040

Conversions

Conversions Part 2

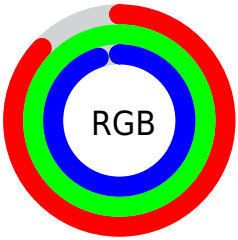
Format	Color
RYB	222, 241, 253
Decimal	14614001
CIELab	96.87, -12.23, 2.35
CIELCh	97, 12.457, 169.131
Yxy	92.1310, 0.3005, 0.3412
Android (android.graphics.Color)	4292804081 (0xFFDEFDF1)
YUV	242.3630, -0.6720, -17.8584
Hunter-Lab	95.9849, -17.1050, 7.4415

Details

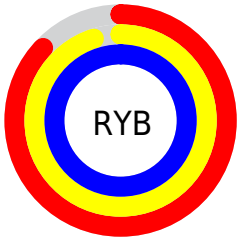
The RGB color 222, 253, 241 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 253, 222, 234, and the grayscale version is 242, 242, 242.

A 20% lighter version of the original color is 255, 255, 255, and 167, 196, 185 is the 20% darker color. If you saturate the color by 10%, you get 197, 253, 231, and if you desaturate by 10%, it is 247, 253, 251.

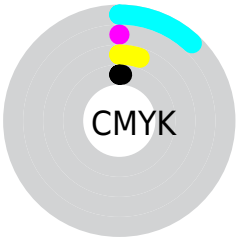
Distribution



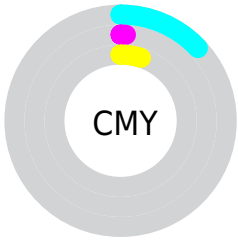
- Red (87%)
- Green (99%)
- Blue (95%)



- Red (87%)
- Yellow (95%)
- Blue (99%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (13%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 253, 241 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 222, 253, 241 by changing the saturation by 10% instead.

222, 253, 241

255, 255, 255

222, 253, 241

194, 224, 213

167, 196, 185

140, 169, 158

114, 143, 132

90, 117, 107

66, 92, 83

43, 69, 60

21, 46, 38

0, 26, 17

222, 253, 241

197, 253, 231

171, 253, 221

146, 253, 212

121, 253, 202

96, 253, 192

70, 253, 182

45, 253, 172

20, 253, 163

0, 253, 155

222, 253, 241

247, 253, 251

255, 253, 255

Harmonies

Analogous

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

234, 251, 230

222, 253, 241

216, 253, 253

Triad

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

222, 253, 241

243, 244, 255

255, 240, 228

Complementary

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

222, 253, 241

253, 222, 234

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, 238, 239

222, 253, 241

255, 241, 255

Square

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

222, 253, 241

229, 248, 255

255, 238, 251

255, 244, 223

Rectangle

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

222, 253, 241

217, 252, 255

255, 238, 251

255, 239, 231

Sweetspot

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

222, 253, 241

245, 255, 251

234, 253, 222

121, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

222, 253, 241

217, 255, 240

222, 250, 253

115, 128, 123

0, 191, 117

0, 64, 39

Inverse Universe

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

253, 222, 234

255, 217, 232

253, 225, 222

128, 115, 120

191, 0, 74

64, 0, 25

Previews

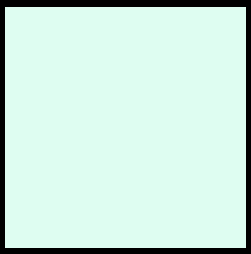
White Background

This preview shows how the RGB color 222, 253, 241 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



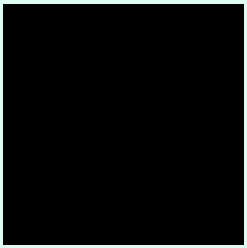
This preview shows how the RGB color 222, 253, 241 looks on a black background.

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 222, 253, 241 Background



This preview shows how black text looks on a background with the RGB color 222, 253, 241.

This preview shows how white text looks on a background with the RGB color 222, 253, 241.

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
222, 253, 241

Protanopia
252, 245, 236

Deuteranopia
255, 243, 245

Tritanopia
238, 247, 255

Trichromacy

Original Color
222, 253, 241

Protanomaly
241, 248, 238

Deuteranomaly
243, 247, 244

Tritanomaly
232, 249, 250

Monochromacy

Original Color
222, 253, 241

Achromatopsia
242, 242, 242

Achromatomaly
235, 246, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 253, 241 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(222, 253, 241) looks like.

```
.text, #text, p{
    color:rgb(222, 253, 241)
}
```

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(222, 253, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 253, 241) }
```

Border

The CSS property to change the border of an element to RGB 222, 253, 241 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(222, 253, 241) }
```

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

```
.border{ border-color:rgb(222, 253, 241) }
```

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

Here you see how a box with a 4 pixel rgb(222, 253, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 253, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 253, 241); box-shadow:4px 4px 4px 4px rgb(222, 253, 241) }
```

Background

The CSS property to change the background color of an element to RGB 222, 253, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(222, 253, 241) }
```

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

```
.background{ background-color:rgb(222,
253, 241) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor