Converting Colors

RYB(220, 245, 226)

Have a look what the booklet for RYB(220, 245, 226) contains.

Color

RYB(220, 245, 226)

Conversions

Format	Color
Hex	EFF5DC
RGB	239, 245, 220
RGB Percent	94%, 96%, 86%
CMY	0.0627, 0.0392, 0.1373
CMYK	0.02, 0.00, 0.10, 0.04
HSL	74°, 56%, 91%
HSV	74°, 10%, 96%
XYZ	81.1673, 88.8228, 80.5767
YIQ	240.3560, 4.4490, -9.0470

Conversions Part 1

Conversions

Conversions Part 2

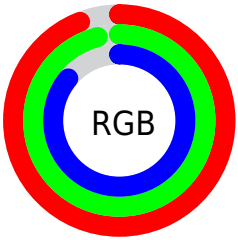
Format	Color
RYB	220, 245, 226
Decimal	15726044
CIELab	95.51, -6.26, 11.35
CIELCh	96, 12.961, 118.882
Yxy	88.8228, 0.3239, 0.3545
Android (android.graphics.Color)	4293916124 (0xFFEFF5DC)
YUV	240.3560, -10.0355, -1.1892
Hunter-Lab	94.2459, -11.2009, 15.2814

Details

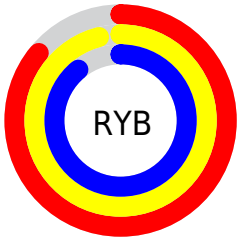
The RYB color 220, 245, 226 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 226, 220, 245, and the grayscale version is 240, 240, 240.

A 20% lighter version of the original color is 255, 255, 255, and 165, 189, 171 is the 20% darker color. If you saturate the color by 10%, you get 196, 245, 208, and if you desaturate by 10%, it is 245, 245, 245.

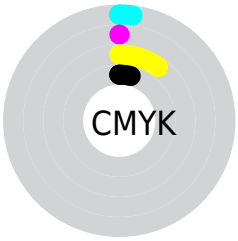
Distribution



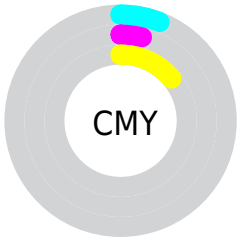
- Red (94%)
- Green (96%)
- Blue (86%)



- Red (86%)
- Yellow (96%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 245, 226 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 220, 245, 226 by changing the saturation by 10% instead.

220, 245, 226

255, 255, 255

220, 245, 226

192, 217, 198

165, 189, 171

139, 162, 145

113, 136, 119

89, 110, 94

65, 86, 70

43, 63, 49

22, 41, 27

0, 21, 7

220, 245, 226

196, 245, 208

171, 245, 189

147, 245, 171

122, 245, 152

98, 245, 133

73, 245, 114

49, 245, 96

24, 245, 77

0, 245, 59

220, 245, 226

245, 245, 245

251, 245, 255

255, 245, 255

Harmonies

Analogous

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

235, 253, 217

220, 245, 226

225, 245, 248

Triad

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

220, 245, 226

216, 233, 255

255, 234, 243

Complementary

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

220, 245, 226

226, 220, 245

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, 255

220, 245, 226

229, 238, 255

Square

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

220, 245, 226

211, 231, 254

244, 239, 255

255, 235, 230

Rectangle

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

220, 245, 226

217, 237, 249

244, 239, 255

255, 234, 247

Sweetspot

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

220, 245, 226

247, 255, 249

245, 228, 220

122, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

220, 245, 226

224, 255, 231

220, 245, 238

110, 122, 113

0, 186, 45

0, 59, 14

Inverse Universe

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

226, 220, 245

232, 224, 255

238, 220, 245

113, 110, 122

45, 0, 186

14, 0, 59

Previews

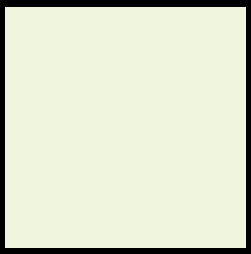
White Background

This preview shows how the RYB color 220, 245, 226 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



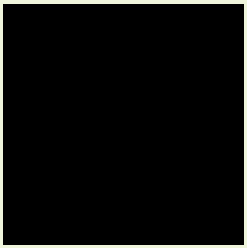
This preview shows how the RYB color 220, 245, 226 looks on a black background.

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 220, 245, 226 Background



This preview shows how black text looks on a background with the RYB color 220, 245, 226.

This preview shows how white text looks on a background with the RYB color 220, 245, 226.

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
220, 245, 226

Protanopia
234, 252, 218

Deuteranopia
255, 241, 234

Tritanopia
244, 240, 255

Trichromacy

Original Color
220, 245, 226

Protanomaly
225, 247, 219

Deuteranomaly
242, 249, 229

Tritanomaly
242, 242, 242

Monochromacy

Original Color
220, 245, 226

Achromatopsia
240, 240, 240

Achromatomaly
233, 242, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 245, 226 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(239, 245, 220) looks like.

```
.text, #text, p{
    color:rgb(239, 245, 220)
}
```

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(239, 245, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 245, 220) }
```

Border

The CSS property to change the border of an element to RYB 220, 245, 226 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(239, 245, 220) }
```

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

```
.border{ border-color:rgb(239, 245, 220) }
```

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

Here you see how a box with a 4 pixel rgb(239, 245, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 245, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 245, 220); box-shadow:4px 4px 4px 4px rgb(239, 245, 220) }
```

Background

The CSS property to change the background color of an element to RYB 220, 245, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(239, 245, 220) }
```

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

```
.background{ background-color:rgb(239,
245, 220) }
```

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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