

Converting Colors

`RYB(227, 240, 225)`

Have a look what the booklet for RYB(227, 240, 225) contains.

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Color

RYB(227, 240, 225)

Conversions

Conversions Part 1

Format	Color
Hex	F0EEE1
RGB	240, 238, 225
RGB Percent	94%, 93%, 88%
CMY	0.0588, 0.0657, 0.1176
CMYK	0.00, 0.01, 0.06, 0.06
HSL	53°, 33%, 91%
HSV	53°, 6%, 94%
XYZ	80.1689, 85.2477, 83.4633
YIQ	237.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

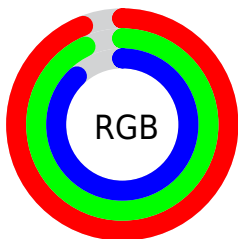
Format	Color
R_{YB}	227, 240, 225
Decimal	15789793
CIE Lab	93.99, -1.68, 6.60
CIE LCh	94, 6.809, 104.253
Yxy	85.2477, 0.3221, 0.3425
Android (android.graphics.Color)	4293979873 (0xFFFF0EEE1)
YUV	237.1160, -5.9732, 2.5293
Hunter-Lab	92.3297, -6.5873, 11.0344

Details

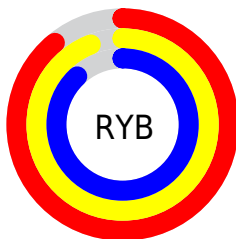
The RYB color **227, 240, 225** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **225, 227, 240**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 184, 170** is the 20% darker color. If you saturate the color by 10%, you get **207, 240, 201**, and if you desaturate by 10%, it is **240, 241, 249**.

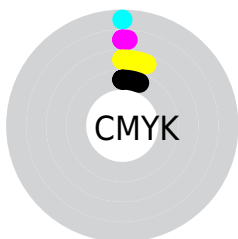
Distribution



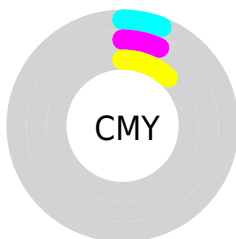
- Red (94%)
- Green (93%)
- Blue (88%)



- Red (89%)
- Yellow (94%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 240, 225 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 227, 240, 225 by changing the saturation by 10% instead.

■ 227, 240, 225

255, 255, 255

■ 227, 240, 225

■ 199, 212, 197

■ 172, 184, 170

■ 144, 157, 143

■ 119, 131, 118

■ 95, 106, 93

■ 71, 82, 69

■ 49, 59, 47

■ 27, 37, 26

■ 2, 17, 0

 227, 240, 225

 227, 240, 225

 207, 240, 201

 240, 241, 249

 185, 240, 177

 240, 243, 255

 164, 240, 153


 240, 245, 255

 144, 240, 129

 240, 246, 255

 123, 240, 105

 240, 247, 255

 103, 240, 81

 240, 248, 255

 82, 240, 57

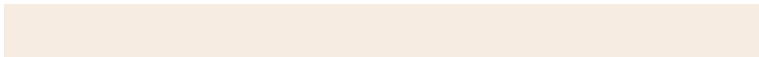
 60, 240, 33

 40, 240, 9

Harmonies

Analogous

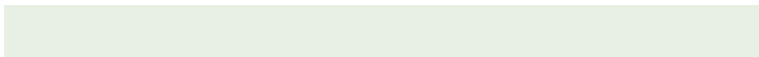
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 247, 225



227, 240, 225



228, 240, 236

Triad

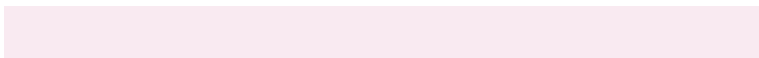
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 240, 225



223, 233, 247



249, 234, 241

Complementary

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



227, 240, 225



225, 227, 240

Split Complementary

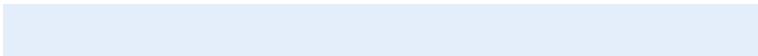
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 235, 247



227, 240, 225



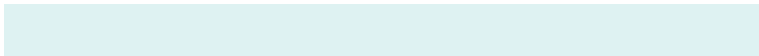
228, 235, 250

Square

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



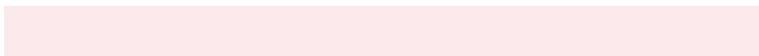
227, 240, 225



222, 232, 242



235, 237, 250



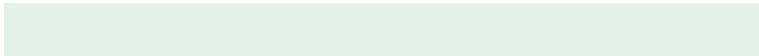
252, 233, 235

Rectangle

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



227, 240, 225



228, 238, 241



235, 237, 250



247, 234, 244

Sweetspot

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



227, 240, 225



251, 255, 250



240, 225, 227



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



227, 240, 225



237, 255, 235



225, 240, 231



110, 120, 108



25, 184, 0



7, 56, 0

Inverse Universe

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



225, 227, 240



235, 237, 255



230, 225, 240



108, 109, 120



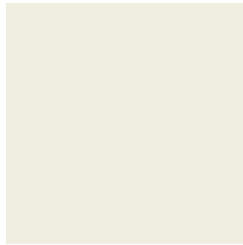
0, 20, 184



0, 6, 56

Previews

White Background



This preview shows how the RYB color 227, 240, 225 looks on a white background.

Color Contrast Check

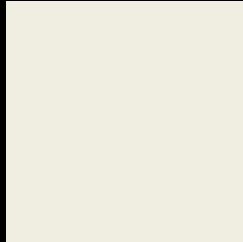
Large Text (above 18pt) WCAG AA × Fail

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 227, 240, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

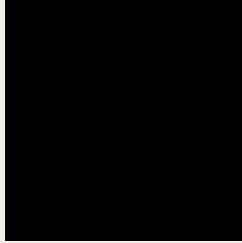
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

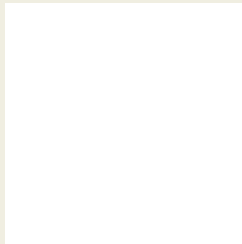
Any Text WCAG AAA ✓ Pass

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

R/Y/B 227, 240, 225 Background



This preview shows how black text looks on a background with the R/Y/B color 227, 240, 225.

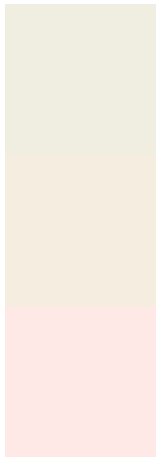


This preview shows how white text looks on a background with the R/Y/B color 227, 240, 225.

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
227, 240, 225

Protanopia
237, 245, 224

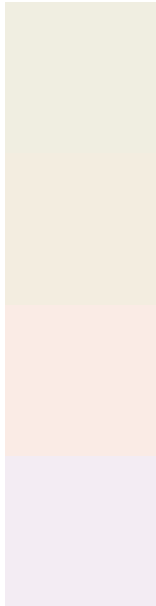
Deuteranopia
255, 233, 231



Tritanopia

244, 234, 253

Trichromacy



Original Color

227, 240, 225

Protanomaly

233, 243, 224

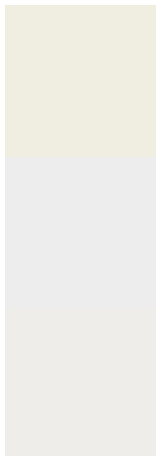
Deuteranomaly

250, 237, 229

Tritanomaly

243, 236, 243

Monochromacy



Original Color

227, 240, 225

Achromatopsia

237, 237, 237

Achromatomaly

234, 238, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 240, 225 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(240, 238, 225) looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 225)  
}
```

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(240, 238, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 225) }
```

Border

The CSS property to change the border of an element to RYB 227, 240, 225 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(240, 238, 225) }
```

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

```
.border{ border-color:rgb(240, 238, 225) }
```

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

Here you see how a box with a 4 pixel rgb(240, 238, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 225);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 227, 240, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 225) }
```

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

```
.background{ background-color: rgb(240,  
238, 225) }
```

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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