

Converting Colors

RYB(220, 225, 221)

Have a look what the booklet for
RYB(220, 225, 221) contains.

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Color

RYB(220, 225, 221)

Conversions

Conversions Part 1

Format	Color
Hex	E0E1DC
RGB	224, 225, 220
RGB Percent	88%, 88%, 86%
CMY	0.1216, 0.1176, 0.1373
CMYK	0.00, 0.00, 0.02, 0.12
HSL	72°, 8%, 87%
HSV	72°, 2%, 88%
XYZ	70.5840, 74.8650, 78.4404
YIQ	224.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

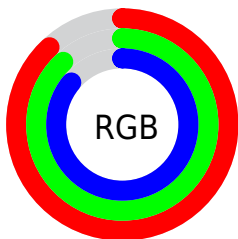
Format	Color
R _Y B	220, 225, 221
Decimal	14737884
CIE Lab	89.33, -1.22, 2.31
CIE LCh	89, 2.616, 117.850
Yxy	74.8650, 0.3153, 0.3344
Android (android.graphics.Color)	4292927964 (0xFFE0E1DC)
YUV	224.1310, -2.0366, -0.1149
Hunter-Lab	86.5246, -5.8035, 6.8168

Details

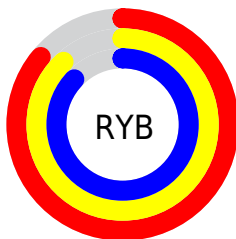
The RYB color **220, 225, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 220, 225**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 170, 166** is the 20% darker color. If you saturate the color by 10%, you get **198, 225, 204**, and if you desaturate by 10%, it is **228, 225, 243**.

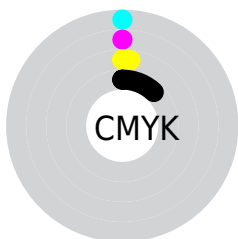
Distribution



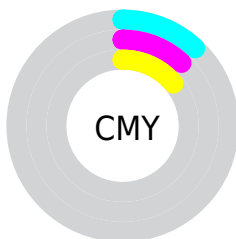
- Red (88%)
- Green (88%)
- Blue (86%)



- Red (86%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 225, 221 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, 225, 221 by changing the saturation by 10% instead.

■ 220, 225, 221

255, 255, 255

■ 220, 225, 221

■ 192, 197, 193

■ 165, 170, 166

■ 139, 143, 140

■ 113, 118, 114

■ 89, 93, 90

■ 66, 70, 67

■ 43, 47, 44

■ 23, 27, 24

■ 0, 0, 0

 220, 225, 221

 220, 225, 221

 198, 225, 204

 228, 225, 243

 175, 225, 185

 233, 225, 255

 153, 225, 167

 238, 225, 255


 130, 225, 149

 242, 225, 255

 108, 225, 132

 247, 225, 255

 85, 225, 113

 251, 225, 255

 63, 225, 96

 255, 225, 255

 40, 225, 77

 18, 225, 60

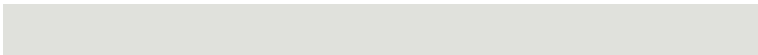
Harmonies

Analogous

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



224, 227, 219



220, 225, 221



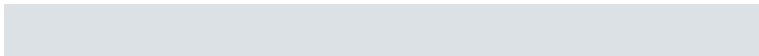
221, 225, 226

Triad

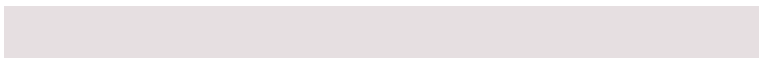
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220, 225, 221



220, 223, 229



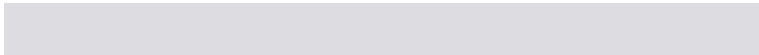
230, 223, 225

Complementary

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



220, 225, 221



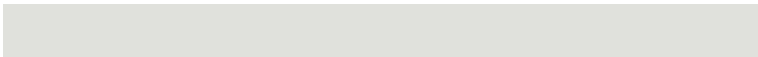
221, 220, 225

Split Complementary

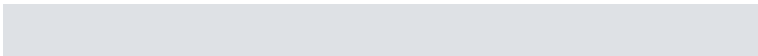
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 223, 227



220, 225, 221



222, 224, 229

Square

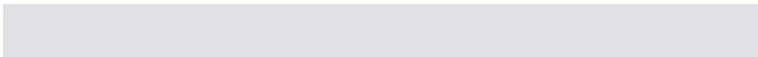
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



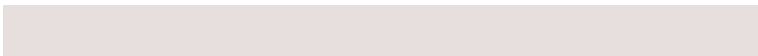
220, 225, 221



219, 223, 227



225, 224, 229



230, 223, 222

Rectangle

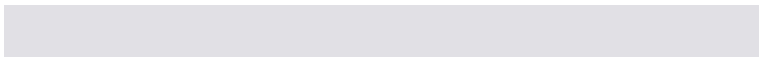
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



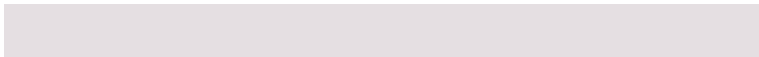
220, 225, 221



220, 224, 226



225, 224, 229



229, 223, 226

Sweetspot

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



220, 225, 221



252, 255, 253



225, 221, 220



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



220, 225, 221



247, 255, 249



220, 225, 223



108, 112, 109



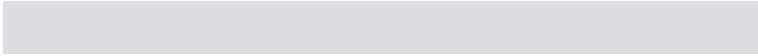
0, 176, 35



0, 48, 9

Inverse Universe

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



221, 220, 225



249, 247, 255



224, 220, 225



109, 108, 112



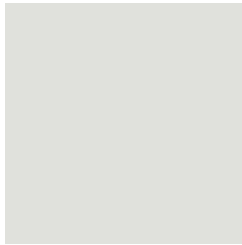
35, 0, 176



10, 0, 48

Previews

White Background



This preview shows how the RYB color 220, 225, 221 looks on a white background.

Color Contrast Check

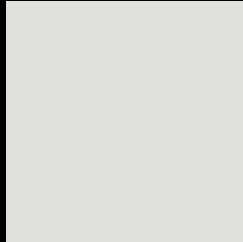
Large Text (above 18pt) WCAG AA × Fail

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, 225, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

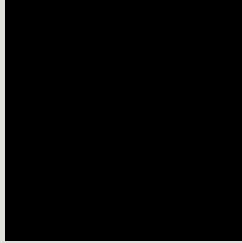
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

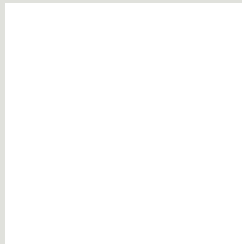
Any Text WCAG AAA ✓ Pass

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

RYB 220, 225, 221 Background



This preview shows how black text looks on a background with the RYB color 220, 225, 221.

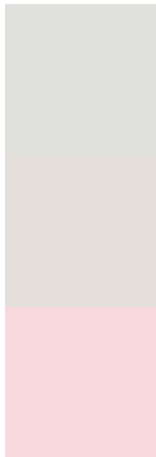


This preview shows how white text looks on a background with the RYB color 220, 225, 221.

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, 225, 221

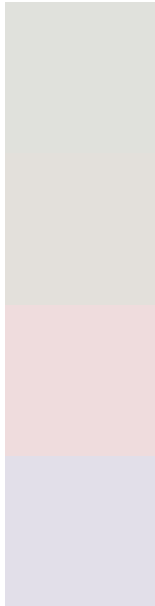
Protanopia
229, 226, 219

Deuteranopia
247, 217, 222



Tritanopia
227, 222, 240

Trichromacy



Original Color

220, 225, 221

Protanomaly

224, 227, 219

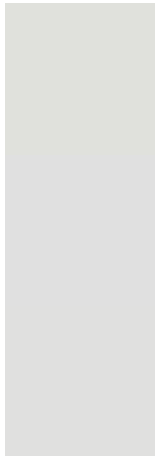
Deuteranomaly

239, 220, 221

Tritanomaly

226, 223, 233

Monochromacy



Original Color

220, 225, 221

Achromatopsia

224, 224, 224

Achromatomaly

223, 224, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 225, 221 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(224, 225, 220) looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 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(224, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 220) }
```

Border

The CSS property to change the border of an element to RYB 220, 225, 221 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(224, 225, 220) }
```

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

```
.border{ border-color:rgb(224, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 225,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 220, 225, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 220) }
```

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

```
.background{ background-color: rgb(224,  
225, 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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