

Converting Colors

RYB(220, 221, 225)

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

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Color

RYB(220, 221, 225)

Conversions

Conversions Part 1

Format	Color
Hex	DCDDE1
RGB	220, 221, 225
RGB Percent	86%, 87%, 88%
CMY	0.1373, 0.1324, 0.1176
CMYK	0.02, 0.02, 0.00, 0.12
HSL	225°, 8%, 87%
HSV	225°, 2%, 88%
XYZ	69.0283, 72.4969, 81.5893
YIQ	221.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

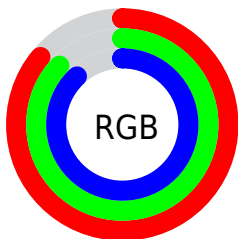
Format	Color
R _Y B	220, 221, 225
Decimal	14474721
CIE Lab	88.21, 0.27, -1.99
CIE LCh	88, 2.008, 277.593
Yxy	72.4969, 0.3094, 0.3249
Android (android.graphics.Color)	4292664801 (0xFFDCDDE1)
YUV	221.1570, 1.8946, -1.0147
Hunter-Lab	85.1451, -4.2915, 2.7877

Details

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

A 20% lighter version of the original color is **255, 255, 255**, and **165, 166, 170** is the 20% darker color. If you saturate the color by 10%, you get **198, 203, 225**, and if you desaturate by 10%, it is **232, 243, 225**.

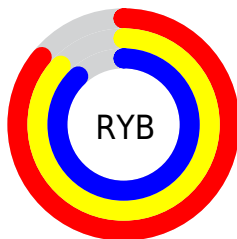
Distribution



Red (86%)

Green (87%)

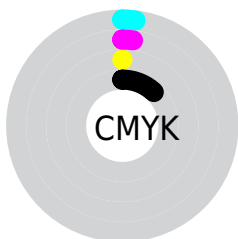
Blue (88%)



Red (86%)

Yellow (87%)

Blue (88%)

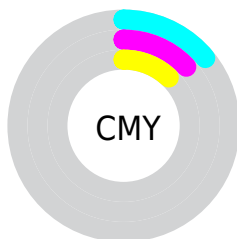


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (12%)



Cyan (14%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

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

■ 220, 221, 225

255, 255, 255

■ 220, 221, 225

■ 192, 193, 197

■ 165, 166, 170

■ 139, 140, 143

■ 113, 114, 118

■ 89, 90, 93

■ 65, 66, 70

■ 43, 44, 47

■ 23, 24, 27

■ 0, 0, 0

■ 220, 221, 225

■ 220, 221, 225

■ 198, 203, 225

■ 232, 243, 225

■ 175, 185, 225

■ 225, 255, 225

■ 153, 167, 225

■ 130, 149, 225

■ 108, 131, 225

■ 85, 113, 225

■ 63, 95, 225

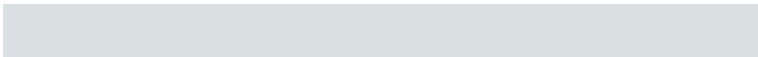
■ 40, 77, 225

■ 18, 59, 225

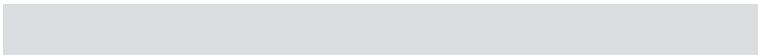
Harmonies

Analogous

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



218, 221, 225



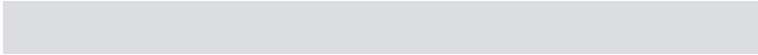
220, 221, 225



222, 221, 224

Triad

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



220, 221, 225



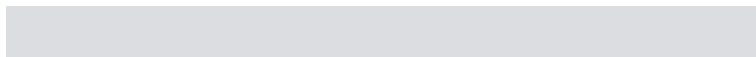
226, 220, 219



218, 221, 222

Complementary

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



220, 221, 225



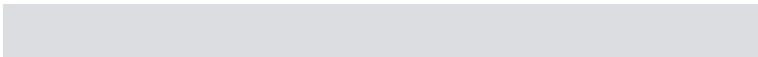
221, 225, 220

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.



218, 222, 220



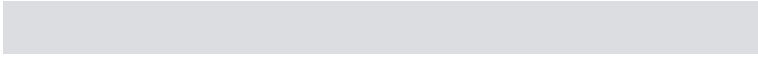
220, 221, 225



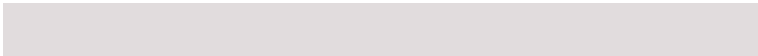
224, 224, 218

Square

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



220, 221, 225



225, 220, 221



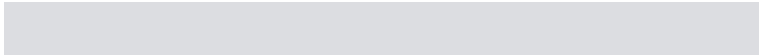
218, 222, 217



217, 220, 222

Rectangle

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



220, 221, 225



224, 220, 223



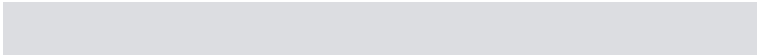
218, 222, 217



219, 222, 222

Sweetspot

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



220, 221, 225



252, 253, 255



220, 223, 225



126, 127, 128



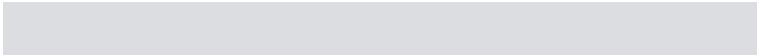
0, 0, 0



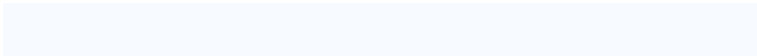
128, 128, 128

Same Dimension

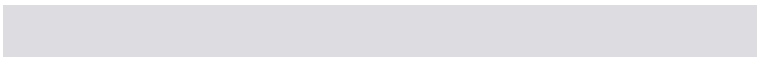
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220, 221, 225



247, 249, 255



221, 220, 225



108, 109, 112



0, 35, 176



0, 10, 48

Inverse Universe

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



225, 220, 221



255, 247, 249



220, 225, 221



112, 108, 109



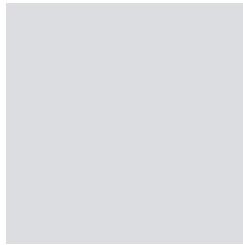
176, 0, 44



48, 0, 12

Previews

White Background



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

Color Contrast Check

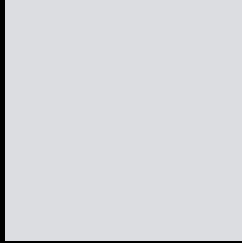
Large Text (above 18pt) WCAG AA × Fail

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 220, 221, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

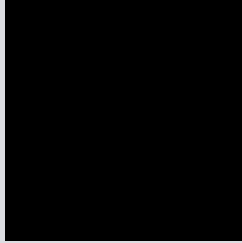
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

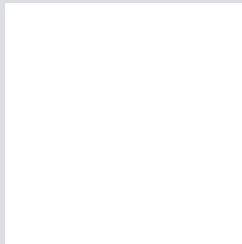
Any Text WCAG AAA ✓ Pass

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

RYB 220, 221, 225 Background



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



This preview shows how white text looks on a background with the RYB color 220, 221, 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](#).

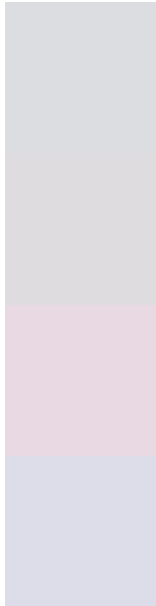
Dichromacy





Tritanopia
222, 219, 237

Trichromacy



Original Color

220, 221, 225

Protanomaly

223, 220, 224

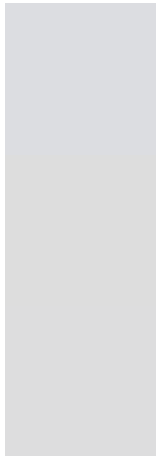
Deuteranomaly

233, 217, 226

Tritanomaly

221, 220, 233

Monochromacy



Original Color

220, 221, 225

Achromatopsia

221, 221, 221

Achromatomaly

221, 221, 222

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(220, 221, 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(220, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 221, 225) }
```

Border

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

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

```
.border{ border-color:rgb(220, 221, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 221, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 221, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 221, 225);  
box-shadow:4px 4px 4px 4px rgb(220, 221,  
225) }
```

Background

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

```
.background, #background, body{  
background: rgb(220, 221, 225) }
```

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

```
.background{ background-color: rgb(220,  
221, 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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