

Converting Colors

RGB(212, 240, 225)

Have a look what the booklet for
RGB(212, 240, 225) contains.

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Color

RGB(212, 240, 225)

Conversions

Conversions Part 1	
Format	Color
Hex	D4F0E1
RGB	212, 240, 225
RGB Percent	83%, 94%, 88%
CMY	0.1686, 0.0588, 0.1176
CMYK	0.12, 0.00, 0.06, 0.06
HSL	148°, 48%, 89%
HSV	148°, 12%, 94%
XYZ	71.9021, 81.7535, 83.2245
YIQ	229.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

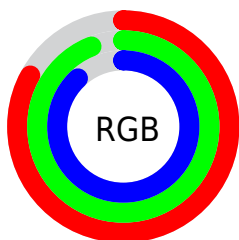
Format	Color
RYB	212, 231, 240
Decimal	13955297
CIELab	92.47, -11.94, 4.15
CIELCh	92, 12.639, 160.846
Yxy	81.7535, 0.3035, 0.3451
Android (android.graphics.Color)	4292145377 (0xFFD4F0E1)
YUV	229.9180, -2.4246, -15.7141
Hunter-Lab	90.4176, -16.2837, 8.7191

Details

The RGB color **212, 240, 225** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 212, 227**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 184, 170** is the 20% darker color. If you saturate the color by 10%, you get **188, 240, 212**, and if you desaturate by 10%, it is **236, 240, 238**.

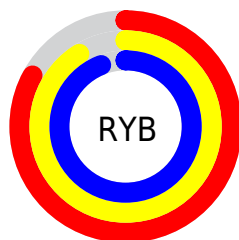
Distribution



Red (83%)

Green (94%)

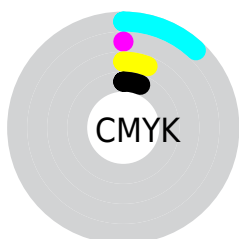
Blue (88%)



Red (83%)

Yellow (91%)

Blue (94%)

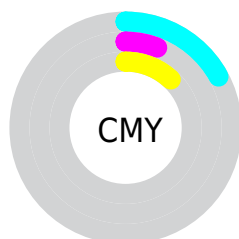


Cyan (12%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (17%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 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 RGB color 212, 240, 225 by changing the saturation by 10% instead.


 212, 240, 225

255, 255, 255


 212, 240, 225

 184, 212, 197

 157, 184, 170

 131, 157, 143


 106, 131, 118

 81, 106, 93

 58, 82, 70

 36, 58, 47

 15, 37, 26

 0, 16, 0

 212, 240, 225

 212, 240, 225

 188, 240, 212

 236, 240, 238

 164, 240, 199

 255, 240, 251

 140, 240, 186

 255, 240, 255

 116, 240, 174

 92, 240, 161

 68, 240, 148

 44, 240, 135

 20, 240, 122

 0, 240, 111

Harmonies

Analogous

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



225, 238, 215



212, 240, 225



204, 241, 237

Triad

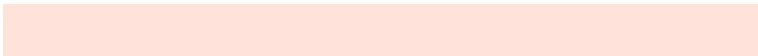
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 240, 225



226, 233, 255



255, 227, 218

Complementary

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



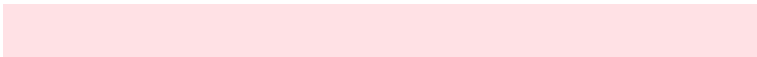
212, 240, 225



240, 212, 227

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, 225, 229



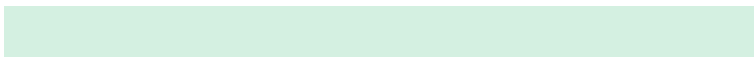
212, 240, 225



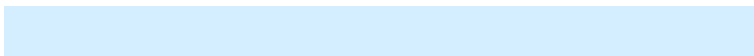
241, 229, 252

Square

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



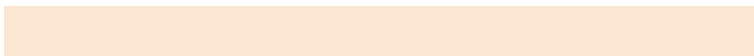
212, 240, 225



212, 237, 255



253, 226, 242



251, 230, 211

Rectangle

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



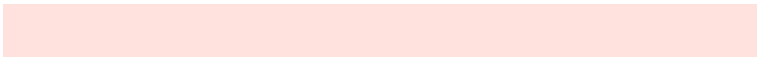
212, 240, 225



203, 240, 245



253, 226, 242



255, 226, 221

Sweetspot

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



212, 240, 225



245, 255, 250



227, 240, 212



121, 128, 124



0, 0, 0



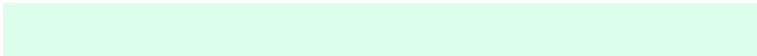
128, 128, 128

Same Dimension

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



212, 240, 225



219, 255, 236



212, 240, 239



108, 120, 113



0, 184, 85



0, 56, 26

Inverse Universe

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



240, 212, 227



255, 219, 238



240, 212, 213



120, 108, 114



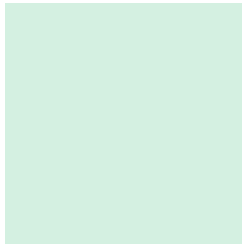
184, 0, 98



56, 0, 30

Previews

White Background



This preview shows how the RGB color 212, 240, 225 looks on a white background.

Color Contrast Check

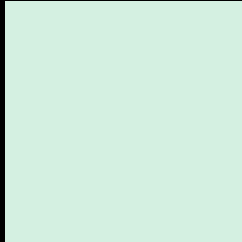
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 212, 240, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

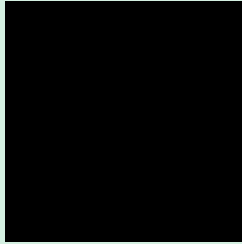
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

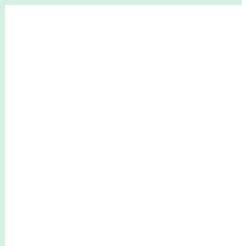
Any Text WCAG AAA ✓ Pass

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

RGB 212, 240, 225 Background



This preview shows how black text looks on a background with the RGB color 212, 240, 225.

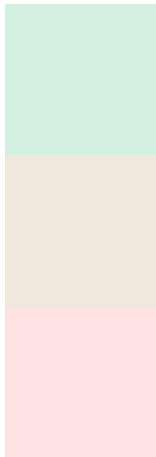


This preview shows how white text looks on a background with the RGB color 212, 240, 225.

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

212, 240, 225

Protanopia

240, 232, 221

Deuteranopia

255, 226, 228



Tritanopia

217, 236, 254

Trichromacy

	Original Color 212, 240, 225
	Protanomaly 230, 235, 222
	Deuteranomaly 239, 231, 227
	Tritanomaly 215, 237, 243

Monochromacy

	Original Color 212, 240, 225
	Achromatopsia 230, 230, 230
	Achromatomaly 223, 234, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 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(212, 240, 225) looks like.

```
.text, #text, p{  
    color:rgb(212, 240, 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(212, 240, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 240, 225) }
```

Border

The CSS property to change the border of an element to RGB 212, 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(212, 240, 225) }
```

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

```
.border{ border-color:rgb(212, 240, 225) }
```

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

Here you see how a box with a 4 pixel rgb(212, 240, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 240, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 240, 225);  
box-shadow:4px 4px 4px 4px rgb(212, 240,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 212, 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(212, 240, 225) }
```

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

```
.background{ background-color: rgb(212,  
240, 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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