

Converting Colors

RGB(204, 224, 222)

Have a look what the booklet for
RGB(204, 224, 222) contains.

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Color

RGB(204, 224, 222)

Conversions

Conversions Part 1

Format	Color
Hex	CCE0DE
RGB	204, 224, 222
RGB Percent	80%, 88%, 87%
CMY	0.2000, 0.1216, 0.1294
CMYK	0.09, 0.00, 0.01, 0.12
HSL	174°, 24%, 84%
HSV	174°, 9%, 88%
XYZ	64.7423, 71.4226, 79.4809
YIQ	217.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

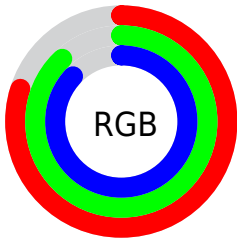
Format	Color
R_{YB}	204, 215, 224
Decimal	13426910
CIE Lab	87.69, -7.01, -1.30
CIE LCh	88, 7.127, 190.541
Yxy	71.4226, 0.3002, 0.3312
Android (android.graphics.Color)	4291616990 (0xFFCCE0DE)
YUV	217.7920, 2.0745, -12.0956
Hunter-Lab	84.5119, -11.1517, 3.3979

Details

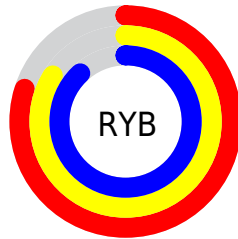
The RGB color `204, 224, 222` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `224, 204, 206`, and the grayscale version is `218, 218, 218`.

A 20% lighter version of the original color is `255, 255, 255`, and `150, 169, 167` is the 20% darker color. If you saturate the color by 10%, you get `182, 224, 220`, and if you desaturate by 10%, it is `226, 224, 224`.

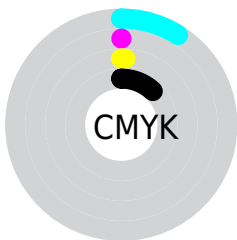
Distribution



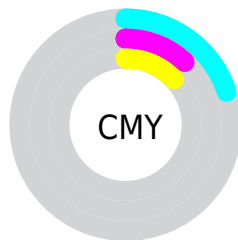
- Red (80%)
- Green (88%)
- Blue (87%)



- Red (80%)
- Yellow (84%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 224, 222 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 204, 224, 222 by changing the saturation by 10% instead.

■ 204, 224, 222

255, 255, 255

■ 204, 224, 222

■ 176, 196, 194

■ 150, 169, 167

■ 124, 142, 141

■ 99, 117, 115

■ 75, 92, 91

■ 52, 69, 67

■ 30, 46, 45

■ 8, 26, 24

■ 0, 0, 0

 204, 224, 222

 204, 224, 222

 182, 224, 220

 226, 224, 224

 159, 224, 218

 249, 224, 226

 137, 224, 215

 255, 224, 229

 114, 224, 213

 255, 224, 231

 92, 224, 211

 255, 224, 233

 70, 224, 209

 255, 224, 235

 47, 224, 206

 255, 224, 238

 25, 224, 204

 255, 224, 240

 2, 224, 202

 255, 224, 242

Harmonies

Analogous

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



208, 224, 215



204, 224, 222



204, 223, 228

Triad

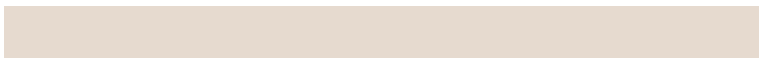
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 224, 222



224, 217, 230



230, 218, 207

Complementary

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



204, 224, 222



224, 204, 206

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.



234, 216, 211



204, 224, 222



231, 216, 224

Square

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



204, 224, 222



216, 220, 233



235, 215, 218



223, 220, 207

Rectangle

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



204, 224, 222



207, 222, 231



235, 215, 218



232, 217, 208

Sweetspot

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



204, 224, 222



247, 255, 254



206, 224, 204



122, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



204, 224, 222



227, 255, 252



204, 216, 224



101, 112, 111



0, 176, 158



0, 48, 44

Inverse Universe

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



224, 204, 206



255, 227, 230



224, 212, 204



112, 101, 102



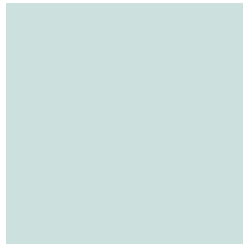
176, 0, 18



48, 0, 5

Previews

White Background



This preview shows how the RGB color 204, 224, 222 looks on a white background.

Color Contrast Check

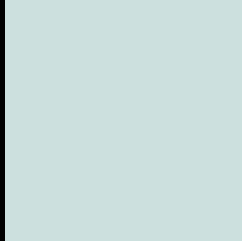
Large Text (above 18pt) WCAG AA × Fail

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 204, 224, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

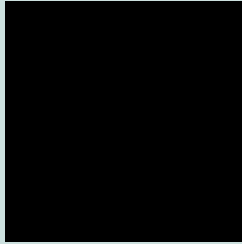
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

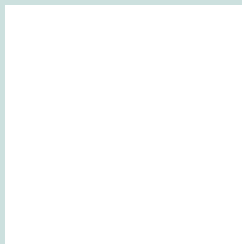
Any Text WCAG AAA ✓ Pass

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

RGB 204, 224, 222 Background



This preview shows how black text looks on a background with the RGB color 204, 224, 222.



This preview shows how white text looks on a background with the RGB color 204, 224, 222.

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

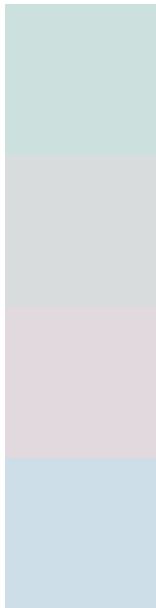




Tritanopia

207, 221, 239

Trichromacy



Original Color

204, 224, 222

Protanomaly

216, 220, 220

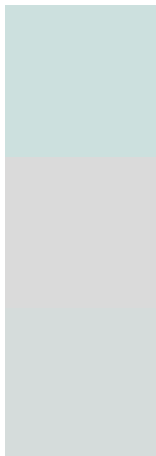
Deuteranomaly

226, 217, 223

Tritanomaly

206, 222, 233

Monochromacy



Original Color

204, 224, 222

Achromatopsia

218, 218, 218

Achromatomaly

213, 220, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 224, 222 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(204, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(204, 224, 222)  
}
```

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(204, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 224, 222) }
```

Border

The CSS property to change the border of an element to RGB 204, 224, 222 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(204, 224, 222) }
```

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

```
.border{ border-color:rgb(204, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(204, 224,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 204, 224, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 224, 222) }
```

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

```
.background{ background-color: rgb(204,  
224, 222) }
```

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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