

Converting Colors

`RYB(204, 232, 230)`

Have a look what the booklet for
RYB(204, 232, 230) contains.

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Color

R_YB(204, 232, 230)

Conversions

Conversions Part 1

Format	Color
Hex	CEE8CC
RGB	206, 232, 204
RGB Percent	81%, 91%, 80%
CMY	0.1922, 0.0902, 0.2000
CMYK	0.11, 0.00, 0.12, 0.09
HSL	116°, 38%, 85%
HSV	116°, 12%, 91%
XYZ	65.2093, 75.1947, 68.2039
YIQ	221.0340, -6.5080, -14.2200

Conversions

Conversions Part 2

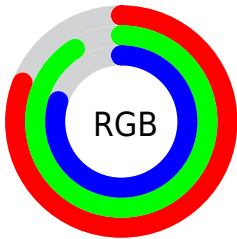
Format	Color
RYB	204, 232, 230
Decimal	13560012
CIELab	89.48, -13.68, 10.74
CIELCh	89, 17.399, 141.863
Yxy	75.1947, 0.3126, 0.3605
Android (android.graphics.Color)	4291750092 (0xFFCEE8CC)
YUV	221.0340, -8.3978, -13.1848
Hunter-Lab	86.7149, -17.5196, 14.0670

Details

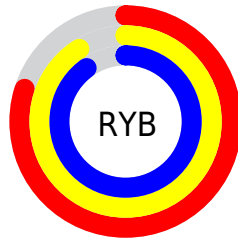
The RYB color **204, 232, 230** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **230, 204, 232**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 176, 174** is the 20% darker color. If you saturate the color by 10%, you get **181, 232, 229**, and if you desaturate by 10%, it is **227, 232, 231**.

Distribution



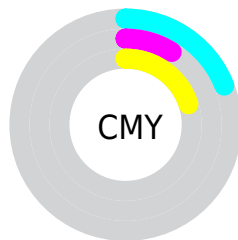
- Red (81%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 232, 230 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 204, 232, 230 by changing the saturation by 10% instead.

 204, 232, 230


255, 255, 255

 204, 232, 230

 177, 204, 203


 150, 176, 174

 124, 150, 148

 99, 124, 123

 75, 99, 98

 52, 75, 74


 31, 52, 52

 8, 31, 28

 0, 0, 0

 204, 232, 230

 204, 232, 230

 181, 232, 229

 227, 232, 231

 158, 232, 227

 249, 232, 250

 134, 232, 225

 255, 232, 255

 111, 232, 223

 88, 232, 222

 65, 232, 220

 42, 232, 219

 18, 232, 216

 0, 232, 215

Harmonies

Analogous

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



194, 228, 197



204, 232, 230



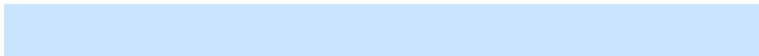
190, 216, 234

Triad

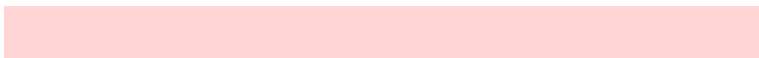
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 232, 230



201, 219, 255



255, 214, 213

Complementary

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



204, 232, 230



230, 204, 232

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, 214, 230



204, 232, 230



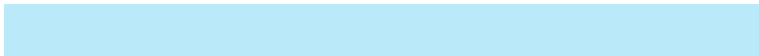
222, 222, 255

Square

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



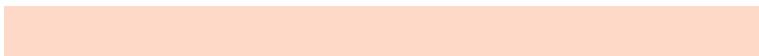
204, 232, 230



186, 213, 250



242, 217, 246



255, 226, 199

Rectangle

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



204, 232, 230



184, 211, 235



242, 217, 246



255, 214, 219

Sweetspot

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



204, 232, 230



245, 255, 254



206, 232, 204



121, 128, 127



0, 0, 0



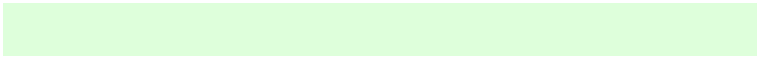
128, 128, 128

Same Dimension

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



204, 232, 230



219, 255, 252



204, 224, 232



103, 115, 114



0, 179, 166



0, 51, 47

Inverse Universe

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



230, 204, 232



252, 219, 255



232, 204, 220



114, 103, 115



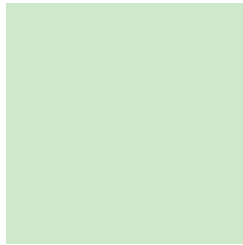
166, 0, 179



47, 0, 51

Previews

White Background



This preview shows how the RYB color 204, 232, 230 looks on a white background.

Color Contrast Check

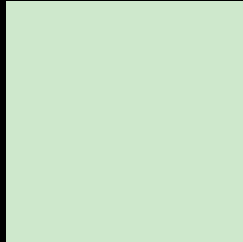
Large Text (above 18pt) WCAG AA × Fail

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 204, 232, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

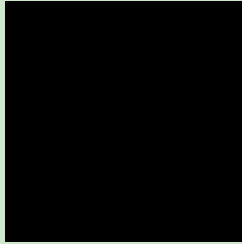
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

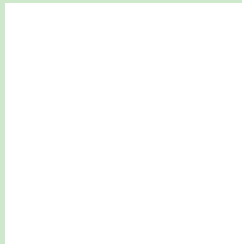
Any Text WCAG AAA ✓ Pass

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

R/Y/B 204, 232, 230 Background



This preview shows how black text looks on a background with the R/Y/B color 204, 232, 230.

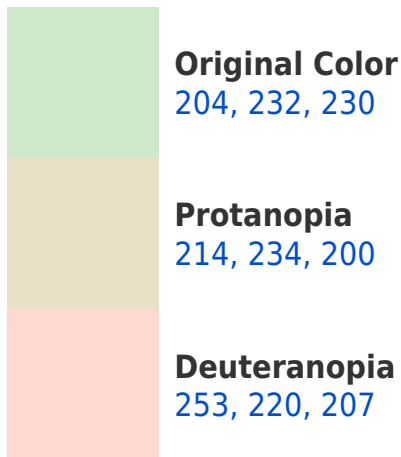


This preview shows how white text looks on a background with the R/Y/B color 204, 232, 230.

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
212, 222, 244

Trichromacy



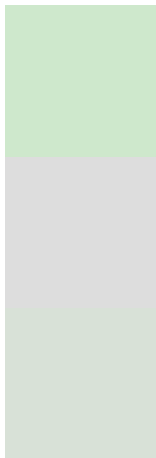
Original Color
204, 232, 230

Protanomaly
201, 227, 204

Deuteranomaly
232, 236, 206

Tritanomaly
210, 219, 229

Monochromacy



Original Color
204, 232, 230

Achromatopsia
221, 221, 221

Achromatomaly
215, 225, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 232, 230 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(206, 232, 204)` looks like.

```
.text, #text, p{  
    color:rgb(206, 232, 204)  
}
```

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(206, 232, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 232, 204) }
```

Border

The CSS property to change the border of an element to RYB 204, 232, 230 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(206, 232, 204) }
```

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

```
.border{ border-color:rgb(206, 232, 204) }
```

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

Here you see how a box with a 4 pixel rgb(206, 232, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(206, 232,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 204, 232, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 232, 204) }
```

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

```
.background{ background-color: rgb(206,  
232, 204) }
```

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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